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ABSTRACT

This survey is the third in a series of studies of the salaries of engineering technicians conducted by the Engineering Manpower Commission of the Engineers Joint Council. The basic format for the salary presentations is maturity curves in which salary appears as a function of years of experience. Median salaries of all engineering technicians in 1966, 1969, and 1971, as well as a distribution by level of formal education for the respondents in 1971, are included. The distribution of the sample of 759 different establishments employing 71,773 technicians is presented by area of employment. General salary curves for engineering technicians, graduate technicians (Associate degree), graduate technologists (Bachelor's degree), and nongraduate technicians are given for the entire United States and also by four geographic regions of the United States. Industry group curves are included for 20 different employment groups. Curves are presented for small, medium and large industrial establishments and for federal, state and local government as well as educational employers. (TS)

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SALARIES OF ENGINEERING TECHNICIANS

1971

SE 013 660

a survey conducted by the

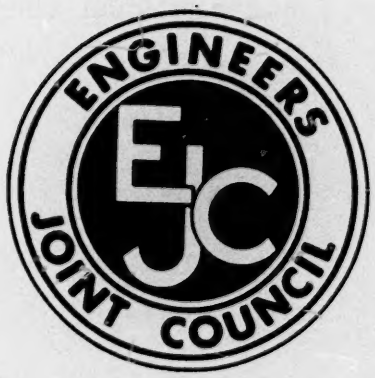
ENGINEERING MANPOWER COMMISSION
ENGINEERS JOINT COUNCIL

SALARIES

OF

ENGINEERING TECHNICIANS

1971



ENGINEERING MANPOWER COMMISSION
ENGINEERS JOINT COUNCIL
345 E. 47th Street
New York, N. Y. 10017

January 1972

2

Price: $5.00

ENGINEERS JOINT COUNCIL

Engineers Joint Council (founded in 1941 and incorporated in 1958) is a federation of engineering societies whose general objective is to advance the art and science of engineering in the public interest.

In furtherance of this general objective the Council shall:

a) Provide for regular and orderly communications among its member societies.

b) Act as an advisory and coordinating agency for member society activities, as mutually agreed.

c) Organize and conduct forums for the consideration of problems of expressed concern to member societies.

d) Identify needs and opportunities for service in the engineering community and inform the concerned engineering institutions.

e) Recommend appropriate programs of studies and research to engineering institutions and especially to member societies.

f) Undertake, in accordance with policies mutually agreed to, specific activities or projects that the member societies acting individually could not accomplish as well.

g) Represent the member societies when they deem such joint representation desirable.

THE ENGINEERING MANPOWER COMMISSION

OF ENGINEERS JOINT COUNCIL

The Engineering Manpower Commission was organized in 1951 as part of Engineers Joint Council, to serve as a focus for national technological manpower problems.

The Commission's program is carried out through the collection, analysis, and publication of significant data on engineering manpower, as well as the development of programs and policies designed to acquaint the public with the importance of engineering to the national welfare.

The Engineering Manpower Commission is charged with the following responsibility:

"To engage in studies and analyses of the supply, demand, and utilization of engineering and technical manpower; to make recommendations, conduct programs, and develop reports concerning these aspects of engineering and technical manpower; and to carry on such other programs in the field of manpower as may be authorized by the Board of Directors of EJC."

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Surveys Committee

John D. Alden . . . . . Executive Secretary

ACKNOWLEDGMENTS

This study was conducted under the direction of John D. Alden. Most of the detailed work of conducting the survey and screening the returns was done by Carol Iceland. The text of this report was typed by Gail Goldberg.

The computer program used for developing the salary curves was originally written by Richard C. Fremon of Bell Telephone Laboratories, who is chairman of the EMC Surveys Committee. Mr. Fremon also contributed general guidance and consultation at all stages of the survey.

We are particularly grateful to the many salary administrators who provided the source data on which these curves are based. Space does not permit their individual identification, but without their cooperation we would be unable to conduct our biennial salary surveys.

NOTE TO EMPLOYERS AND SALARY ADMINISTRATORS

The Engineering Mnapower Commission is always interested in improving its survey coverage. If your company would like to participate in future surveys, please write to Miss Carol Iceland, Engineering Manpower Commission, 345 East 47th Street, New York, New York, 10017 and ask to be put on our surveys list. We also welcome your comments and suggestions for improving our survey and salary reports.

John D. Alden
Executive Secretary
Engineering Manpower Commission

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SALARIES OF ENGINEERING TECHNICIANS

INTRODUCTION

This survey is the third in a series of studies of the salaries of engineering technicians. The first survey was conducted on an experimental basis in 1966 as a result of widespread interest in the way engineering technicians were being utilized in industry and other areas of employment. Because the Engineering Manpower Commission had previously established a pattern of surveying engineers' salaries biennially on the even-numbered years, it was decided to conduct the technicians' salary survey regularly in the intervening years. This necessitated a three-year interval between the 1966 and 1969 surveys. From now on, however, technicians' salaries will be studied every two years.

The basic format for our salary presentations is maturity curves in which salary appears as a function of years of experience. In the case of college graduate technicians, experience is measured as years since graduation with either the two-year associate degree or the four-year bachelor of technology degree, as appropriate. Non-graduates, of course, have to be reported on a different basis, as we have found that age is the only practical variable for which data are readily available. Ideally, years of working experience would be preferable, but employers have indicated their inability to report years of experience obtained by their technicians in previous jobs, or to determine accurately whether prior experience should or should not be counted toward employment as a technician. In order to compare experience as measured by age with that measured by years since graduation, we have assumed age 20 as equivalent to graduation from a two-year associate degree curriculum, and 22 as the equivalent age for bachelors' degree graduates.

The Engineering Manpower Commission is not attempting to establish salary standards for any industry or employee group. The curves presented in this report simply show what various sectors of employment were paying as of August 1971 when the survey was taken. Users are cautioned to read carefully the paragraph on limitations inherent in this kind of salary data. When used with judgment under conditions where the data can reasonably be expected to apply, these curves should be of definite value to personnel managers, educators, and individual engineering technicians alike. We present this report as a service to these people and to the engineering community at large.

HIGHLIGHTS OF THE SURVEY

Engineering technicians as a group have received average salary increases ranging between 2 and 11 percent in the two years since our 1969

survey was conducted. Figure 1 shows how median curves have risen since our initial survey in 1966. The relatively small increases since 1969 are a reflection of the economic recession, aerospace and defense cut-backs, and other conditions that caused a decrease in the demand for engineers and technicians in 1970 and 1971. Starting salaries for new graduates were noticeably affected, and this effect is indicated in the very small difference between the 1969 and 1971 curves within a few years after graduation. Salaries for more experienced technicians generally increased by about $1,000 in the two-year interval between the most recent surveys, without much regard for age or length of experience. It is impossible to predict trends for future years on the basis of the limited series of data available to date. In addition to external factors such as the economic situation, survey coverage varies from year to year and improvements are made in our survey methodology. The curves of Figure 1 provide a rough general guide only.

The 1971 survey results show that graduate technicians start out at substantially higher salaries than non-graduates, but the difference becomes less and less with increasing experience. The median annual salary for graduate technicians in August 1971 started at $7,450 with less than a year of experience, increased steadily to $10,500 ten years after graduation, then rose gradually to a maximum of $11,600. Non-graduate technician median salaries in 1971 started at $6,150 and rose to a peak of $10,000 after 25 years of experience.

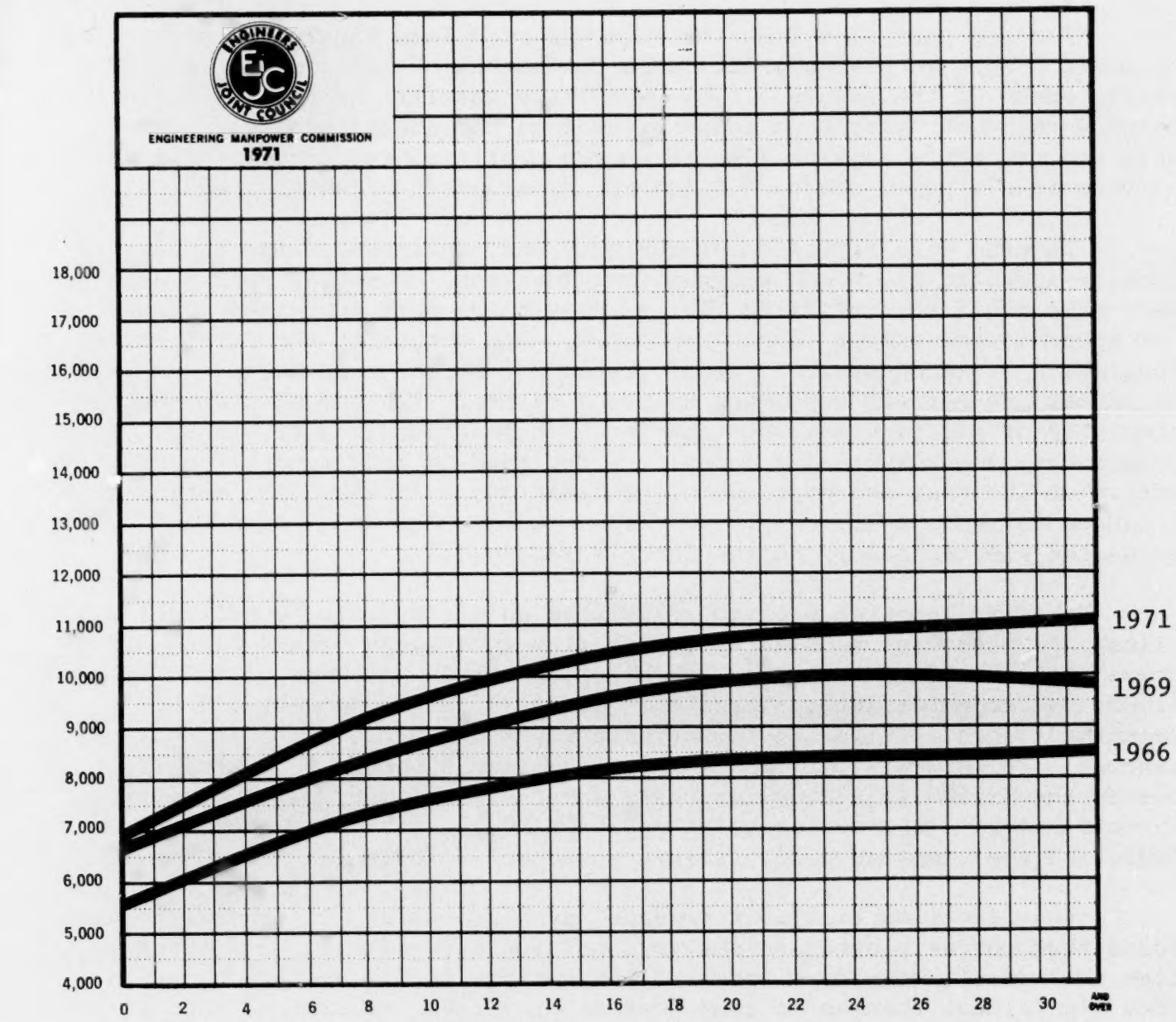
Four-year bachelors' degree technologists are reported as a separate category in this survey. Median starting salaries for this group began at $9,450, 27 percent higher than the median for two-year graduates and 54 percent more than for non-graduates. Fifteen years after graduation, however, the median for the bachelors' degree holders was about the same as that for two-year graduates with the same length of experience. Too much significance should not be read into this finding, however, because the modern bachelor of technology program is still relatively new. Many of the salaries reported for older technicians with bachelor's degrees probably applied to people doing technician work who happened to have a degree in some field other than engineering. The EMC surveys to date indicate that the differential enjoyed by the new bachelor's degree technicians will continue to persist as this group becomes more numerous and its members grow in experience.

Figure 2 shows the median salary curves for the three categories of technicians plotted on a single graph. These may be compared with the detailed smooth curves found in the body of the report.

A new feature of this report is the salary chart for a weighted national average of all technicians. In order to give each industry group its proper weight in relation to total national employment of technicians, factors were introduced into the computer program to compensate for over-representation of survey replies in some groups compared to others. This provides a more representative set of data than would be obtained by simply summing

FIGURE 1

Median Salaries of Engineering Technicians
1966-1971



Note: 1966 curve is based on raw data and applies to technicians in industry only. See page 10 for explanation of curve smoothing routine used for computing salary data in 1969 and 1971. Comparisons between curves are approximate only. Data for the 1966 report were collected in December 1965 and January 1966. Data for the 1969 report were collected in October and November 1969. Data for 1971 were collected in July and August of that year.

all survey responses. As a matter of interest, this survey covers such a large population of technicians that there was practically no difference between the weighted national average curves and those for all respondents. Therefore the latter curves have not been published in this report.

HOW THE SURVEY WAS CONDUCTED

A three-part questionnaire form was used (see facsimile on page 76) on which respondents simply indicated the number of individuals in appropriate boxes of the salary versus experience matrix. No special definitions were given other than those printed on the questionnaire. Forms were sent to EMC's regular list of survey participants, consisting of employers in all major areas of industry, government, and higher education.

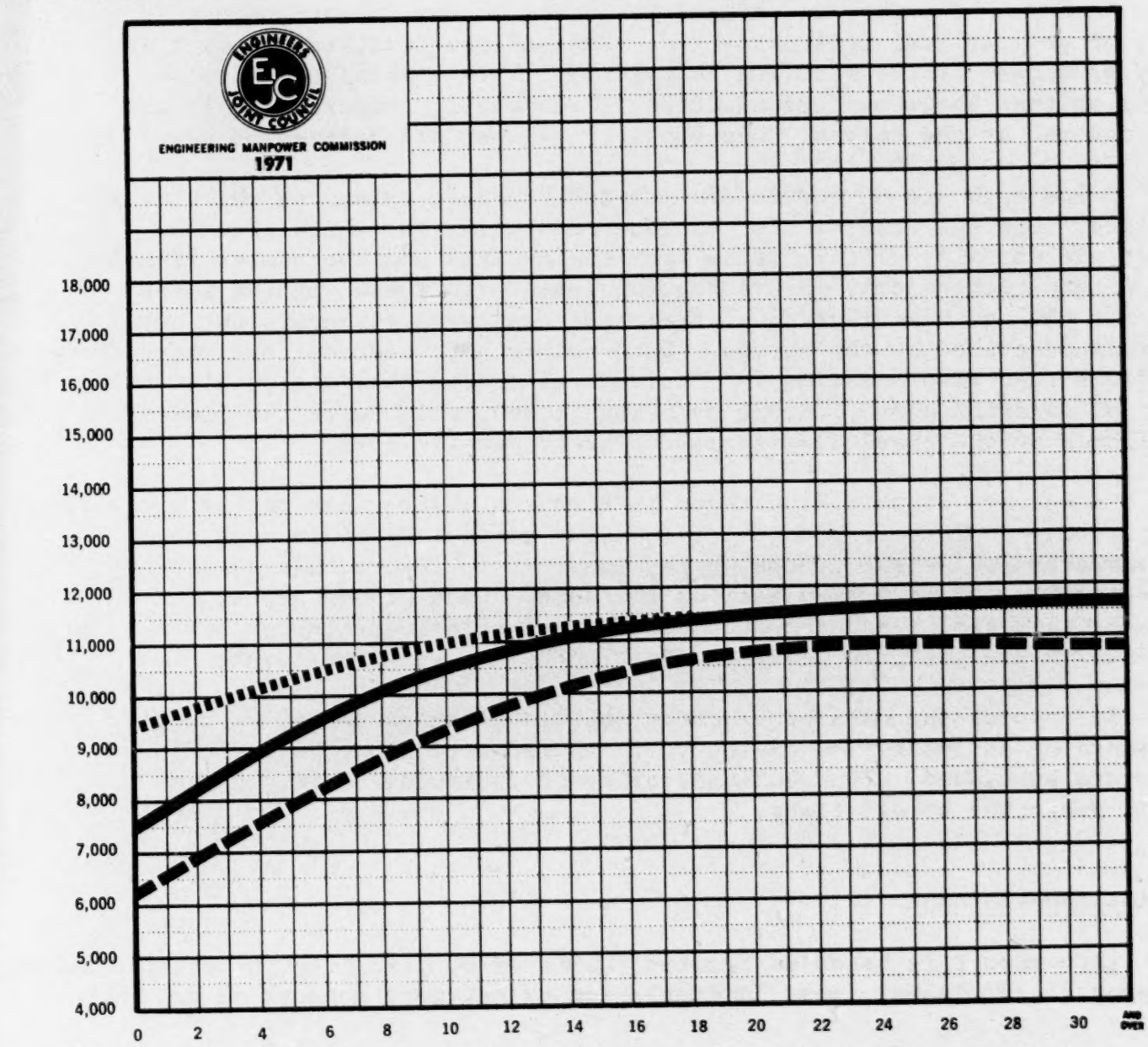
Returns were reviewed for accuracy and consistency, and coded according to industry group and geographical location. Then the salary data were keypunched and verified. The punched cards were processed through our special three-stage computer program. The output of the first stage, consisting of reconstructed summary reports for each respondent, was reviewed to detect and correct any gross keypunch errors. The second stage output consisted of distribution matrices for each selected industry group. More groups were actually analyzed than are included in this report, in order to arrive at the best and most useful combinations. Finally data tables were produced for each selected group. These tables have been reproduced directly below the plotted salary curves in this report.

The EMC computer program calculates salary medians, quartiles, deciles, and means for each array of salaries in a given "Years Since Graduation" column. Since salaries are reported within brackets of $500 or $1000, the computer interpolates each fractile to the nearest $50 by assuming a straight-line distribution between the extremes of the salary bracket. For example, if the median technician happened to be the 20th one in the $9,500 to $10,000 bracket, and there were 50 salaries reported in this bracket, the median point would be 20/50 of the range covered or $200, and the computed median salary would be $9,700.

The fractiles are first produced as "raw" data. In general we have found that curves plotted on the basis of raw data contain many irregularities that result more from inherent limitations of the methodology than from significant changes in compensation practices. Therefore most of the curves presented in this report are based on "smooth" data developed by a curve-fitting routine. Each fractile curve is computed separately in the form $y = ax^2 + bx + c$, where y represents salary and x represents years of experience raised to a power z. The smoothing program determines the values of a, b, c, and z that give the minimum sum of the squares of the differences between the raw and smooth values of y, the squared differences being weighted by the populations associated with each of the data points.

FIGURE 2

Median Salaries of Engineering Technicians By Level of Formal Education
All Survey Respondents, 1971



LEGEND

Bachelor's Degree
Associate Degree
No Degree

Although raw data and distribution matrices have not been published in this report, they may be obtained from EMC for any of the charts on special order at $1.00 per table, if desired.

METHOD OF PRESENTATION

Each set of curves is defined according to the industry group, degree level, or geographical region covered. Respondents constituting each industry group are listed starting on page 72. This enables users to determine whether their own organization is reasonably comparable with the group covered by the curves. Geographical regions are defined on page 21.

Below each set of curves are printed the data points on which they are based. The data tables also include mean salaries (which are not plotted and normally differ little from the median) and the number of salaries within each column. Users should always note these figures to be sure that the age distribution of their own employees is consistent with the group described by the curves. Data points have been omitted where there were fewer than five salaries in a column. The data tables also list the number of salaries above $16,000 or below $4,000, which were the limits established by the physical size of the questionnaire form.

In surveys of this kind there is always a chance that one or two large employers may dominate a particular industry group. To avoid such over-representation we weight groups where necessary to insure that no employer is responsible for more than half of the data. Such groups are indicated below the data tables and the actual number of salaries reported by respondents in the group is given in addition to the weighted total.

To protect the data provided by individual responsents, we require that there be at least five employers in an industry group before salary curves are published. The confidentiality of individual salary schedules is protected at all times.

COVERAGE AND RESPONSE

This report is based on returns submitted by 759 different establishments employing 71,773 technicians. A tabulation by category appears on page 15.

NOTES ON THE SALARY CURVES

Explanatory notes appear below for those groups whose identity is not obvious from the headings on the charts and tables. (See list starting on page 72 for employers included in the various categories.) The division or location is specified where data were not submitted for the entire company.

In some cases the detailed curves may appear to show graduate technicians receiving lower salaries than nongraduates for a given number of

years of experience. In part this may be due to the operation of our curve-smoothing computer program, but it may result from other factors as well. College programs in engineering technology are relatively new, and until recent years have produced only small numbers of graduates. Many older technicians may have obtained their formal educations at an older age than current graduates, while others will of course have obtained most of their training on the job. All curves show that recent technical school graduates are making significantly higher salaries than nongraduates, but after 20 or more years of experience it would not be surprising for the educational differential to become less significant in comparison with on-the-job training and experience.

Because of the difficulty in integrating bachelors' degree holders with other technicians, this group has been excluded from all curves except those on page 18. Since the number of bachelor's degree technicians in any employment group is very small, the effect of adding them to the other curves would probably be negligible. To be more exact, however, the heading "All Technicians" where used in this report should properly be interpreted as "Technicians with an associate degree and nongraduates."

REGIONAL CURVES - The eight sets of curves on pages 22 to 29 show how technician salaries break down by major geographical region. Because employment patterns differ greatly from state to state depending on concentrations of industry or government agencies, these curves should be interpreted only as rough guides to overall regional variations.

ALL MANUFACTURING INDUSTRIES - These curves are composites of the following industry groups -- Aerospace, Chemicals, Electrical Equipment, Electronic Equipment, Instruments, Machinery, Metal Products, Other Manufacturing, Petroleum, and Shipbuilding.

CHEMICAL AND PETROLEUM INDUSTRIES - This group consists of the combined Chemical and Petroleum companies in the list of participants. Curves for the Chemicals and Petroleum groups have also been broken out separately for all technicians, but the data were insufficient to provide graduate versus nongraduate comparisons for these subgroups. The separate set of curves for the Petroleum Industry includes the oil companies plus a few others indicated by (P) on the list of participants.

ELECTRICAL EQUIPMENT - These curves have been weighted to insure that no single employer provided as much as half of the data.

ELECTRONIC EQUIPMENT - These curves have been weighted to insure that no single employer provided as much as half of the data.

MECHANICAL PRODUCT INDUSTRIES - This group consists of the Aerospace, Instruments, Machinery, and Shipbuilding groups. Shipbuilding is not reported separately because there were too few participants. Separate curves are included for all technicians in the Aerospace, Instruments, and Machinery Industries but the data were insufficient to provide graduate versus nongraduate curves for these groups.

AEROSPACE - This group includes the aerospace manufacturing companies in the list of participants plus companies in other fields (such as airborne electronics, air transportation, etc.) identified by (A) in the list of participants. The aerospace curves have been weighted to insure that no single employer provided as much as half of the data.

ALL NONMANUFACTURING INDUSTRIES - This group includes companies listed under Communications, Construction and Mining, Electric Utilities, Engineering and Consulting, Research, Transportation, and Gas Utilities.

NONGOVERNMENT RESEARCH AND DEVELOPMENT - The curves on pages 56 and 57 are for employers listed under Research plus selected research components of various industry groups as identified by (R) in the list of respondents. Separate curves have been provided for government research establishments on page 66.

COMMUNICATIONS, GAS UTILITIES AND TRANSPORTATION - These groups did not include sufficient data to break out graduate versus nongraduate curves, but curves for all technicians are given.

CURVES BY SIZE OF INDUSTRIAL ESTABLISHMENTS - These include only manufacturing and nonmanufacturing industry respondents to the survey. Small establishments are arbitrarily defined as those reporting fewer than 1000 employees, medium establishments as those between 1000 and 5000, and large establishments as those with 5000 or more total employees.

LIMITATIONS

Users of this report should apply salary curves with judgment. We report salary data as furnished by the survey respondents, but there is no way of knowing whether respondents represent a typical cross-section of a particular industry group. Data in some year columns may be based on a relatively small number of salaries. In such cases the smoothed curves may represent a considerable departure from the raw data points. As explained previously, the methodology and presentation of data involve a number of inherent limitations. The salary curves and data must thus be viewed as general guides, not as absolutes.

In publishing these curves EMC is attempting to show what prevailing salary patterns are, not what we think they ought to be. In the final analysis the salary paid to any individual is determined by many factors, especially his performance of his assigned duties. Such factors cannot be measured by a survey of this kind. Therefore EMC cannot undertake to evaluate individual salary situations, nor to advise employers as to the salaries they should pay for specific positions.

Distribution of Sample by Area of Employment

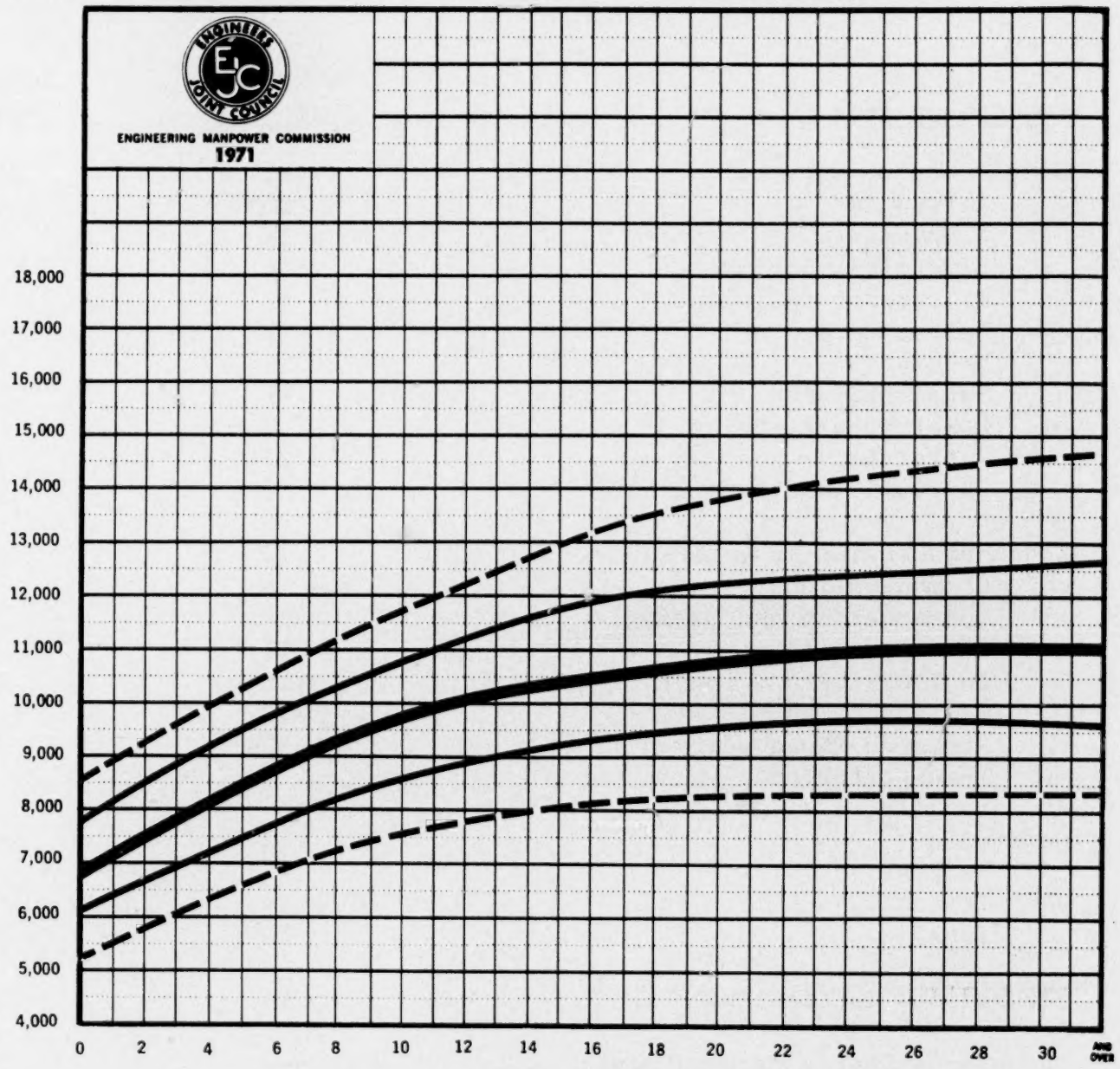
Employment Area	Number of Employers	Number of Technicians
Manufacturing Industries	293	26,923
Aerospace	22*	4,144
Chemicals	27	876
Electrical Equipment	24	7,713
Electronic Equipment	41	8,264
Instruments	17	586
Machinery	56	1,683
Metal Products	58	1,193
Other Manufacturing	37	758
Petroleum	25*	1,018
Shipbuilding (Note 1)	3	1,544
Nonmanufacturing Industries	270	15,481
Communications	8	345
Construction and Mining	37	1,292
Electric Utilities	71	5,801
Engineering and Consulting	118	4,396
Gas Utilities	12	366
Research (Nongovernment)	32*	5,653
Transportation	8	235
Government	102	26,999
Federal	30	6,880
State	24	18,912
Local	48	1,207
Educational Institutions	94	1,112
Bachelor's Degree Technologists	---	1,258
All Employers	759	71,773

* Asterisked categories include the following employers that were also counted in another category: Aerospace, 11; Petroleum, 6; Research, 16. However, respondents have been counted only once in the totals for Manufacturing Industries, Nonmanufacturing Industries, and All Employers. The 1,258 Bachelor's Degree Technologists are included in the total but not in the individual areas of employment.

Note 1: Separate curves for Shipbuilding have not been published because of the small number of employers responding. Technicians in this group are included in the larger categories headed Mechanical Product Industries, All Manufacturing Industries, and the other summary tables.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ENGINEERING TECHNICIANS
WEIGHTED NATIONAL AVERAGE



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8600	8950	9300	9650	9950	10300	10600	10900	11200
UPPER QUARTILE	7850	8200	8550	8850	9150	9450	9750	10000	10250
MEDIAN	6900	7250	7600	7900	8250	8500	8800	9050	9300
LOWER QUARTILE	6050	6350	6650	6950	7200	7500	7750	8000	8200
LOWER DECILE	5300	5600	5850	6150	6400	6650	6850	7100	7250
MEAN	6950	7300	7600	7950	8250	8500	8800	9050	9300
TOTAL NUMBER	2881	4453	8124	9101	12603	10978	9982	11075	12743
NUMBERS OVER $16000	0	1	0	0	0	1	4	10	24
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11750	12500	13100	13600	14000	14300	14500	14700	14800
UPPER QUARTILE	10700	11300	11750	12050	12300	12450	12600	12650	12700
MEDIAN	9700	10150	10500	10750	10900	10950	11000	11050	11050
LOWER QUARTILE	8600	9050	9350	9550	9600	9600	9600	9550	9550
LOWER DECILE	7600	7950	8150	8250	8300	8300	8300	8300	8250
MEAN	9700	10200	10550	10850	11000	11150	11200	11250	11250
TOTAL NUMBER	27557	23652	21550	19407	18426	17540	15796	22118	21782
NUMBERS OVER $16000	66	168	239	396	493	643	575	1068	1020
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

LEGEND

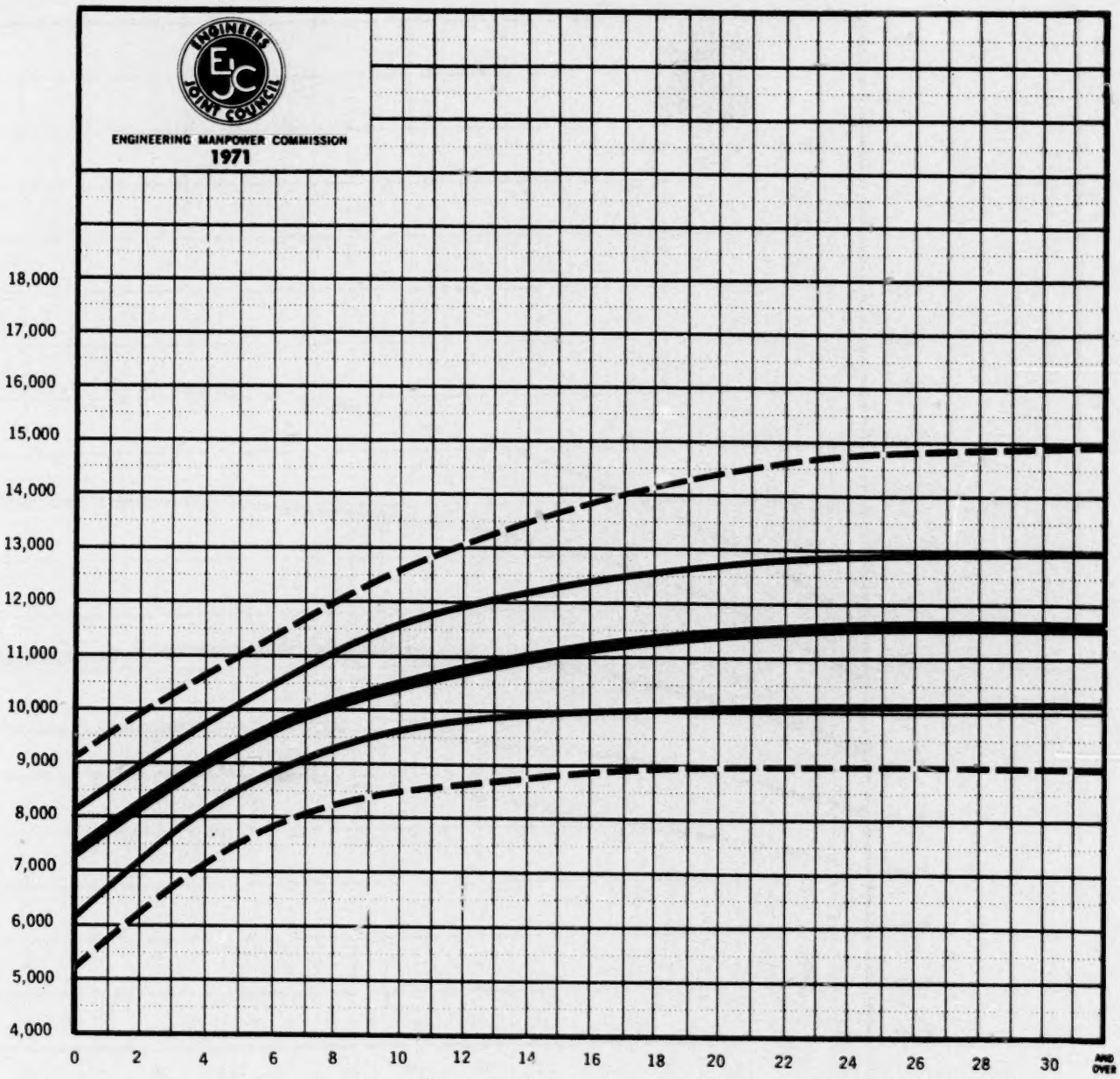
- Upper Decile — — —
- Upper Quartile ———
- Median ▬▬▬
- Lower Quartile ———
- Lower Decile — — —

Number of Technicians covered — Unweighted - 70515

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by
Years Since Graduation
from Technical Institute*

GRADUATE TECHNICIANS
ASSOCIATE DEGREE, ENTIRE U.S.



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9050	9450	9850	10250	10650	11000	11350	11700	12000
UPPER QUARTILE	8200	8650	9050	9450	9800	10150	10500	10800	11050
MEDIAN	7450	7850	8250	8650	9000	9300	9600	9850	10100
LOWER QUARTILE	6200	6750	7300	7750	8150	8500	8800	9050	9300
LOWER DECILE	5300	5800	6300	6750	7100	7450	7750	8000	8200
MEAN	7300	7750	8200	8600	8950	9300	9600	9900	10150
TOTAL NUMBER	475	901	1353	1317	1388	1104	818	801	827
NUMBERS OVER $16000	0	1	0	0	0	1	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12600	13300	13850	14250	14550	14750	14850	14950	15000
UPPER QUARTILE	11550	12050	12450	12650	12800	12900	12950	12950	12950
MEDIAN	10500	10950	11200	11400	11500	11550	11600	11600	11600
LOWER QUARTILE	9600	9850	10000	10100	10100	10150	10150	10150	10150
LOWER DECILE	8500	8750	8900	8950	9000	9000	9000	9000	9000
MEAN	10550	11000	11300	11450	11550	11600	11650	11650	11650
TOTAL NUMBER	1792	1194	925	758	602	431	325	386	398
NUMBERS OVER $16000	2	9	14	21	28	19	22	25	31
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 15705

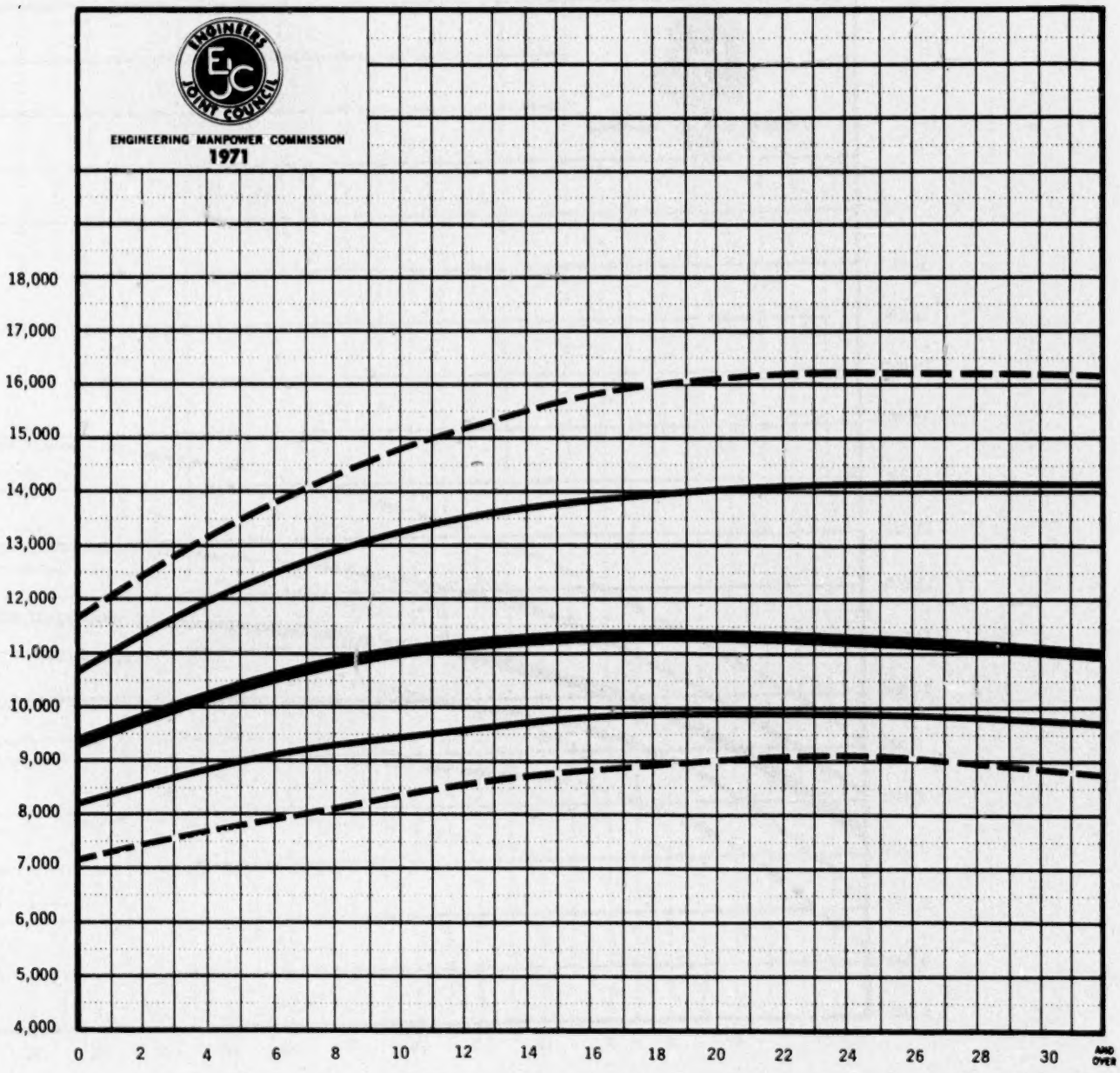
LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by
Years Since Graduation

GRADUATE TECHNOLOGISTS
BACHELOR'S DEGREE, ENTIRE U.S.



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	11750	12100	12500	12800	13150	13500	13800	14100	14350
UPPER QUARTILE	10700	11050	11400	11700	12000	12250	12500	12700	12900
MEDIAN	9450	9650	9850	10050	10200	10400	10550	10650	10800
LOWER QUARTILE	8250	8400	8550	8700	8800	8950	9050	9150	9300
LOWER DECILE	7150	7300	7400	7550	7700	7800	7950	8050	8150
MEAN	9450	9700	9950	10200	10400	10600	10800	10950	11100
TOTAL NUMBER	64	92	87	66	48	56	46	47	60
NUMBERS OVER $16000	0	0	1	1	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14850	15400	[illegible]10	16050	16200	16200	16200	16100	15950
UPPER QUARTILE	13250	13600	[illegible]50	14000	14100	14150	14150	14150	14200
MEDIAN	11000	11200	[illegible]00	11300	11250	11200	11100	10950	10800
LOWER QUARTILE	9450	9650	[illegible]800	9850	9900	9850	9750	9650	9400
LOWER DECILE	8400	8650	8850	9000	9050	9050	8950	8700	8100
MEAN	11400	11650	11850	11900	11950	11900	11900	11800	11750
TOTAL NUMBER	108	109	74	81	77	56	50	70	67
NUMBERS OVER $16000	6	10	9	12	8	12	7	9	14
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

LEGEND

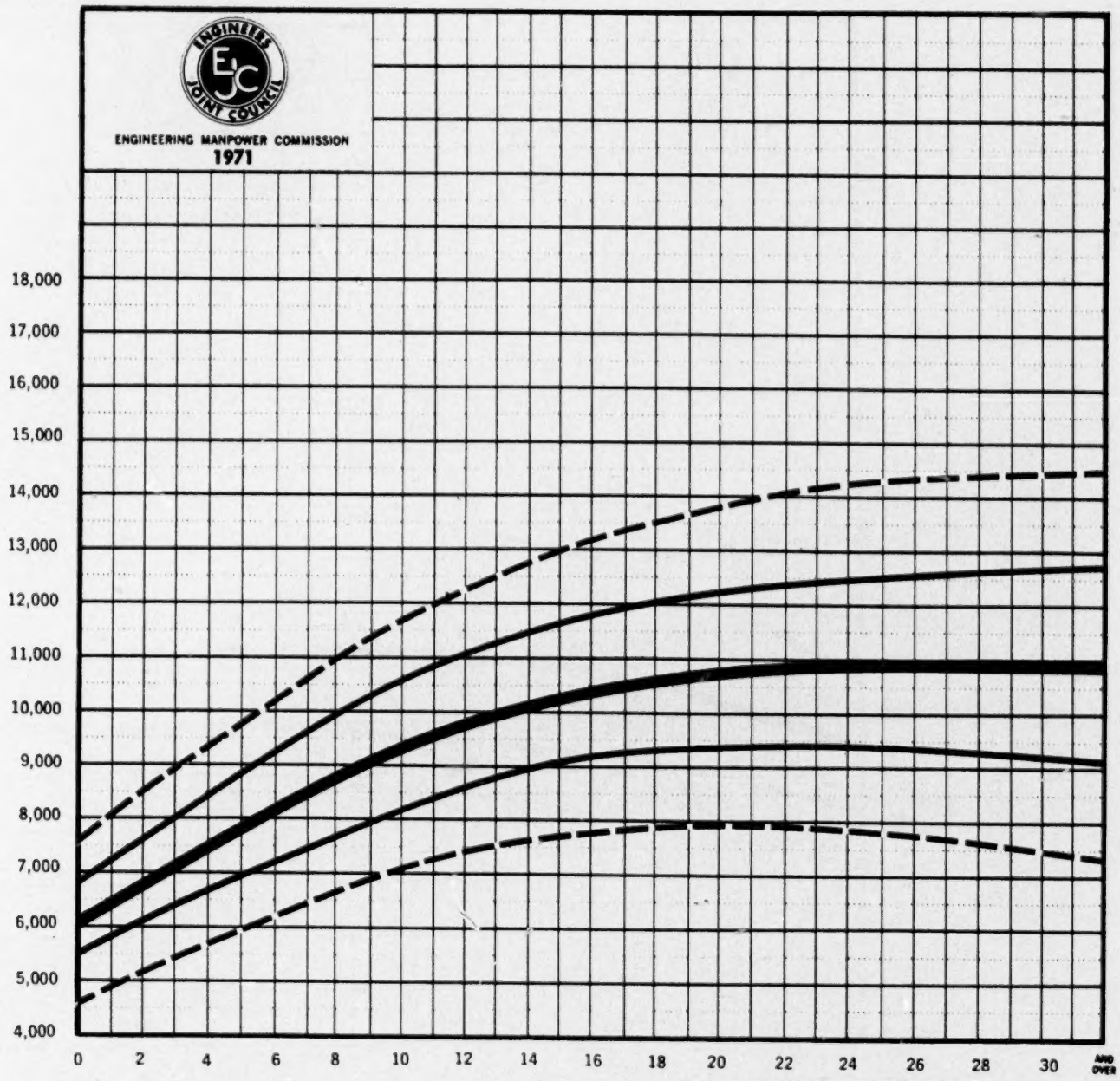
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

NUMBER OF TECHNICIANS COVERED - 1258

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NONGRADUATE TECHNICIANS
ENTIRE U.S.



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7600	8050	8500	8950	9400	9800	10200	10600	11000
UPPER QUARTILE	6800	7250	7650	8100	8500	8900	9250	9600	9950
MEDIAN	6150	6500	6850	7200	7500	7850	8150	8500	8800
LOWER QUARTILE	5500	5750	6050	6300	6600	6850	7100	7400	7650
LOWER DECILE	4650	4900	5150	5400	5700	5950	6150	6400	6650
MEAN	6150	6500	6850	7200	7550	7900	8250	8550	8850
TOTAL NUMBER	556	651	1497	1360	1836	1761	1794	2090	2346
NUMBERS OVER $16000	0	0	0	0	0	0	1	3	4
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11700	12550	13200	13700	14050	14250	14400	14500	14550
UPPER QUARTILE	10550	11250	11800	12150	12400	12600	12650	12750	12750
MEDIAN	9350	10000	10450	10750	10850	10900	10850	10800	10700
LOWER QUARTILE	8100	8700	9150	9400	9450	9400	9250	9050	8650
LOWER DECILE	7050	7500	7750	7850	7850	7700	7550	7350	7050
MEAN	9400	10000	10450	10700	10850	10900	10900	10900	10900
TOTAL NUMBER	5571	5296	4935	4403	3898	3721	3394	4576	5035
NUMBERS OVER $16000	11	30	30	59	62	96	103	176	174
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 54720

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

REGIONAL BREAKDOWN

NORTHEAST

- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island
- Vermont
- New Jersey
- New York
- Pennsylvania

CENTRAL

- Illinois
- Indiana
- Michigan
- Ohio
- Wisconsin
- Iowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

SOUTH

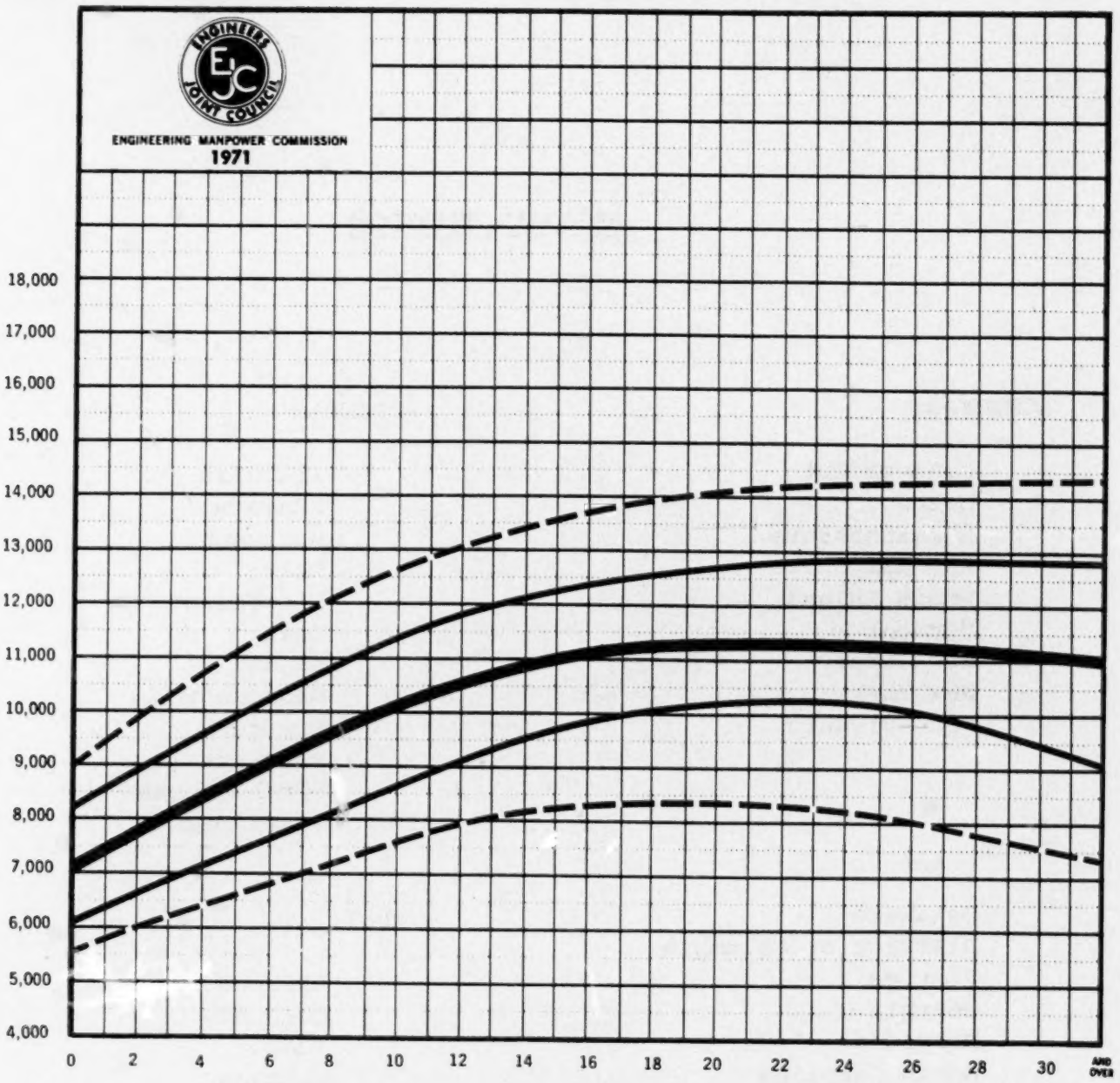
- Delaware
- District of Columbia
- Florida
- Georgia
- Maryland
- North Carolina
- South Carolina
- Virginia
- West Virginia
- Alabama
- Kentucky
- Mississippi
- Tennessee
- Arkansas
- Louisiana
- Oklahoma
- Texas

WEST

- Arizona
- Colorado
- Idaho
- Montana
- Nevada
- New Mexico
- Utah
- Wyoming
- California
- Oregon
- Washington
- Alaska
- Hawaii

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NORTHEAST STATES
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9000	9500	9950	10350	10750	11150	11500	11850	12150
UPPER QUARTILE	8250	8600	8950	9300	9650	10000	10300	10600	10900
MEDIAN	7150	7450	7800	8100	8450	8750	9050	9350	9600
LOWER QUARTILE	6150	6400	6650	6900	7150	7400	7700	7950	8200
LOWER DECILE	5550	5800	6000	6250	6450	6650	6900	7100	7300
MEAN	7350	7650	7950	8250	8500	8800	9100	9350	9600
TOTAL NUMBER	283	555	776	850	953	852	740	871	972
NUMBERS OVER $16000	0	1	0	0	0	1	0	1	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12650	13250	13700	14000	14150	14300	14350	14400	14450
UPPER QUARTILE	11400	12000	12400	12650	12800	12850	12800	12750	12700
MEDIAN	10100	10700	11100	11300	11350	11300	11150	10950	10600
LOWER QUARTILE	8700	9400	9900	10250	10300	10150	9750	9000	7500
LOWER DECILE	7650	8050	8300	8400	8300	8100	7800	7350	6600
MEAN	10100	10700	11100	11350	11400	11350	11200	10900	10450
TOTAL NUMBER	2038	1579	1313	1256	1094	1024	939	1284	1536
NUMBERS OVER $16000	2	11	8	17	32	26	21	33	52
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

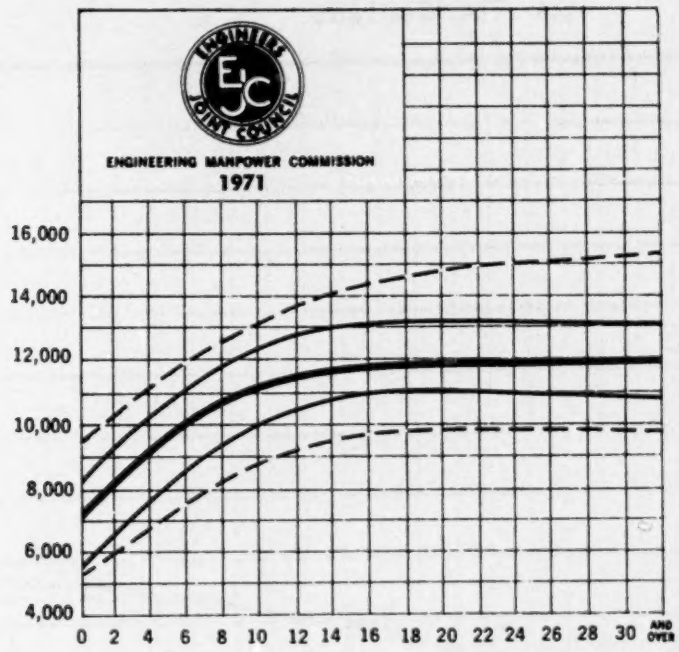
NUMBER OF TECHNICIANS COVERED - 18915

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

NORTHEAST STATES

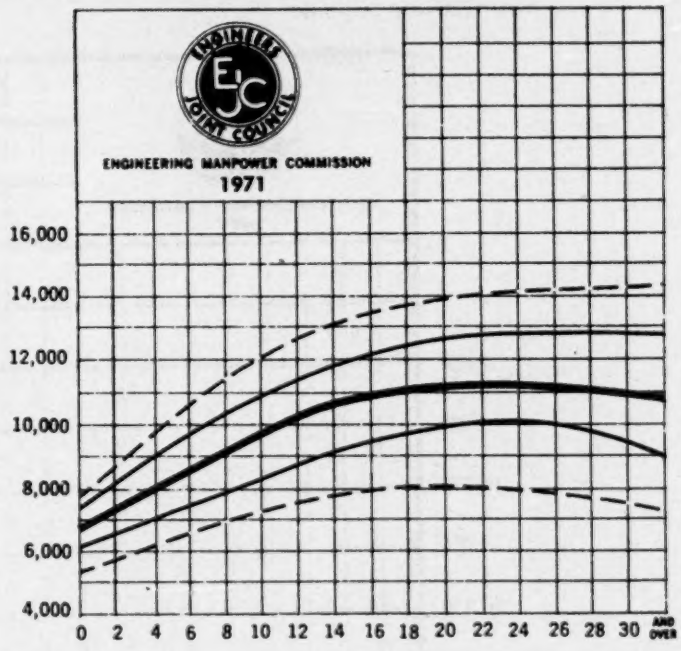
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9500	9950	10350	10800	11200	11600	11950	12300	12650
UPPER QUARTILE	8300	8850	9350	9850	10300	10750	11150	11500	11800
MEDIAN	7000	7700	8300	8900	9400	9850	10250	10550	10800
LOWER QUARTILE	5700	6200	6700	7200	7650	8150	8600	9000	9400
LOWER DECILE	5350	5750	6150	6550	6950	7350	7700	8050	8350
MEAN	7200	7750	8300	8800	9250	9650	10000	10350	10650
TOTAL NUMBER	177	376	517	490	449	344	246	243	255
NUMBERS OVER $16000	0	1	0	0	0	1	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13200	13900	14400	14750	14950	15100	15200	15250	15250
UPPER QUARTILE	12300	12800	13050	13150	13150	13100	13100	13050	13000
MEDIAN	11250	11600	11800	11900	11900	11950	11950	11950	11950
LOWER QUARTILE	10000	10650	10950	11050	11000	10950	10900	10850	10800
LOWER DECILE	8900	9500	9800	9900	9900	9850	9800	9700	9650
MEAN	11100	11600	11950	12100	12200	12250	12250	12250	12250
TOTAL NUMBER	536	350	247	240	194	134	102	115	113
NUMBERS OVER $16000	2	7	4	10	16	3	7	7	11
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 5128

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7800	8350	8900	9400	9900	10350	10800	11200	11600
UPPER QUARTILE	7450	7850	8200	8600	9000	9350	9700	10050	10400
MEDIAN	6850	7150	7400	7700	8000	8300	8550	8850	9100
LOWER QUARTILE	6150	6350	6550	6800	7000	7250	7500	7700	7950
LOWER DECILE	5350	5600	5800	6000	6200	6400	6600	6800	7000
MEAN	6850	7150	7450	7750	8050	8350	8650	8900	9200
TOTAL NUMBER	106	179	259	360	504	508	494	628	717
NUMBERS OVER $16000	0	0	0	0	0	0	0	1	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

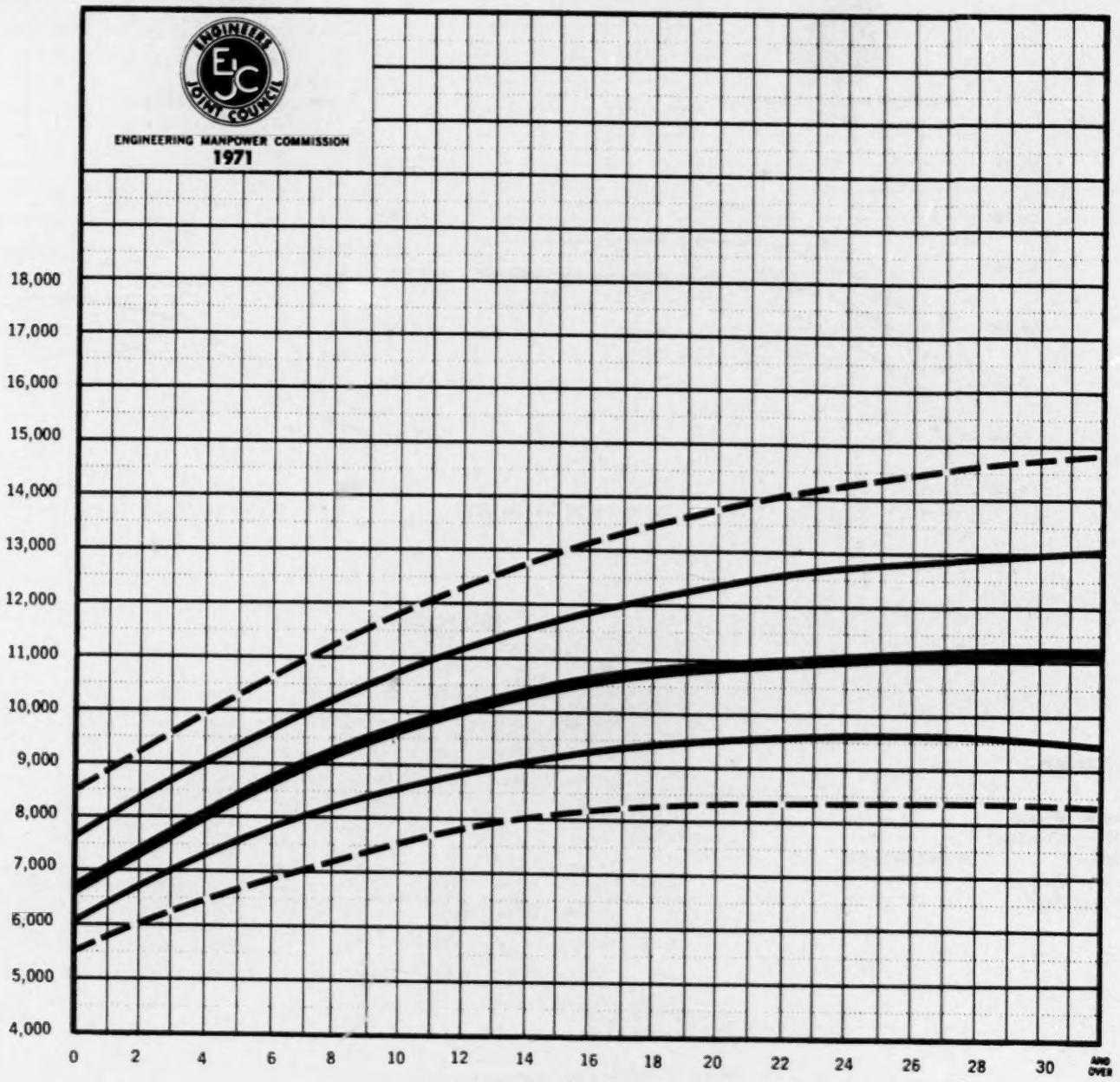
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12250	13000	13500	13850	14050	14200	14250	14300	14300
UPPER QUARTILE	11000	11700	12200	12550	12700	12800	12800	12750	12700
MEDIAN	9650	10300	10800	11100	11250	11250	11100	10850	10300
LOWER QUARTILE	8400	9050	9550	9900	10050	9950	9650	8950	7400
LOWER DECILE	7350	7750	8000	8100	8050	7900	7650	7200	6550
MEAN	9700	10400	10850	11150	11250	11200	11050	10800	10300
TOTAL NUMBER	1502	1229	1066	1016	900	890	837	1169	1423
NUMBERS OVER $16000	0	4	4	7	16	23	14	26	41
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 13787

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degrees the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

CENTRAL STATES
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8500	8850	9200	9550	9900	10250	10600	10900	11200
UPPER QUARTILE	7700	8050	8400	8700	9050	9350	9650	9950	10200
MEDIAN	6750	7100	7500	7800	8150	8450	8750	9000	9250
LOWER QUARTILE	6150	6450	6700	7000	7250	7550	7800	8000	8250
LOWER DECILE	5500	5750	6000	6200	6450	6650	6850	7050	7250
MEAN	6850	7200	7550	7900	8200	8500	8800	9050	9300
TOTAL NUMBER	221	337	482	530	680	572	505	509	544
NUMBERS OVER $16000	0	0	0	0	0	0	1	2	4
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

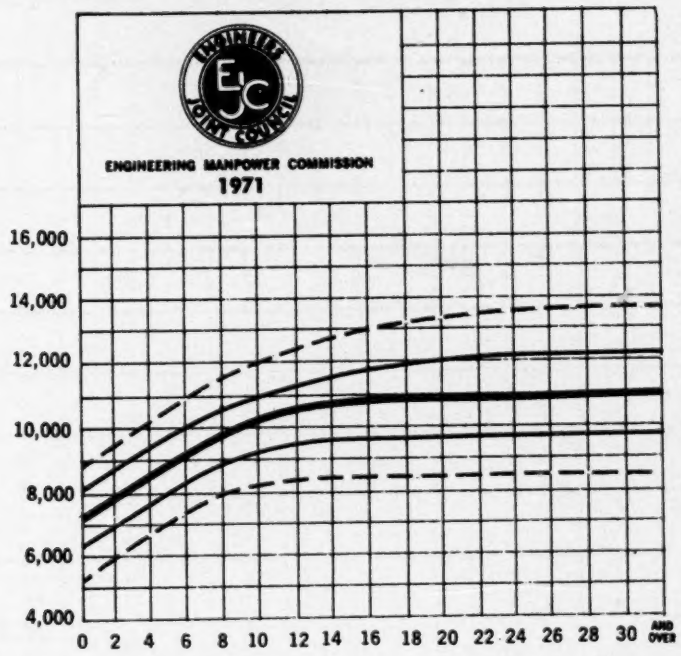
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11800	12600	13200	13750	14150	14400	14650	14800	14900
UPPER QUARTILE	10750	11400	11900	12300	12600	12800	12950	13050	13100
MEDIAN	9700	10200	10550	10800	10950	11050	11100	11100	11100
LOWER QUARTILE	8600	9050	9350	9500	9550	9550	9550	9450	9400
LOWER DECILE	7550	7950	8200	8350	8400	8400	8400	8350	8300
MEAN	9700	10250	10650	10900	11100	11200	11300	11350	11350
TOTAL NUMBER	1336	1131	953	796	742	651	604	810	977
NUMBERS OVER $16000	5	12	9	17	15	18	26	37	54
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 12380

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

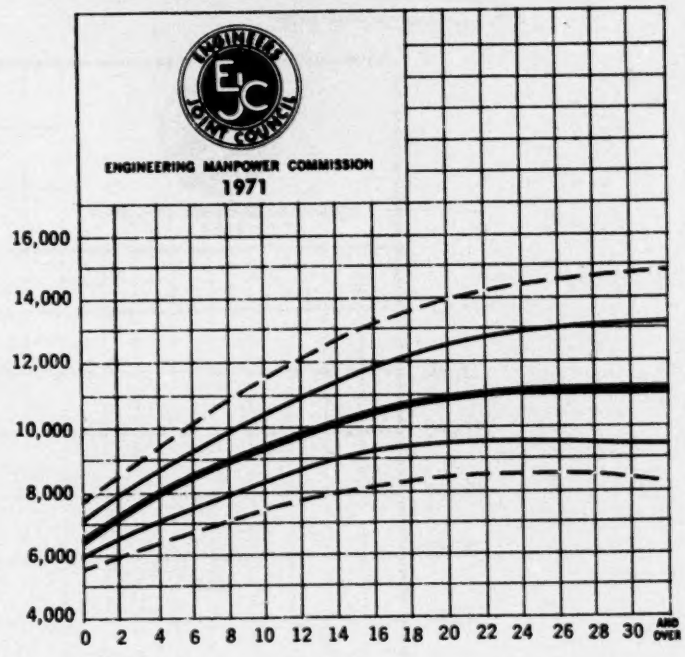
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8800	9250	9650	10050	10400	10750	11050	11350	11650
UPPER QUARTILE	8200	8600	9000	9350	9650	9950	10250	10500	10700
MEDIAN	7250	7700	8150	8500	8850	9150	9450	9700	9900
LOWER QUARTILE	6300	6800	7300	7700	8050	8350	8600	8850	9000
LOWER DECILE	5200	5850	6450	6900	7250	7550	7800	7950	8100
MEAN	7200	7650	8100	8500	8850	9150	9450	9700	9900
TOTAL NUMBER	89	145	224	196	251	204	140	131	144
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12100	12650	13000	13250	13450	13550	13600	13650	13650
UPPER QUARTILE	11100	11500	11800	11950	12100	12150	12200	12200	12200
MEDIAN	10200	10550	10750	10850	10950	10950	11000	11000	11000
LOWER QUARTILE	9250	9450	9600	9650	9650	9650	9700	9700	9700
LOWER DECILE	8250	8400	8450	8450	8450	8450	8450	8450	8450
MEAN	10200	10550	10750	10850	10900	10950	10950	10950	10950
TOTAL NUMBER	300	183	143	105	105	60	54	53	61
NUMBERS OVER $16000	0	0	4	1	1	1	1	1	4
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2588

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7750	8200	8600	9050	9450	9850	10250	10650	11000
UPPER QUARTILE	7100	7500	7850	8250	8600	8950	9300	9650	9950
MEDIAN	6500	6800	7150	7450	7800	8100	8450	8700	8950
LOWER QUARTILE	6000	6300	6550	6800	7050	7300	7550	7800	8000
LOWER DECILE	5500	5700	5900	6100	6300	6450	6650	6850	7050
MEAN	6500	6850	7200	7550	7900	8200	8500	8800	9050
TOTAL NUMBER	132	192	258	334	429	368	365	378	400
NUMBERS OVER $16000	0	0	0	0	0	0	1	2	3
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

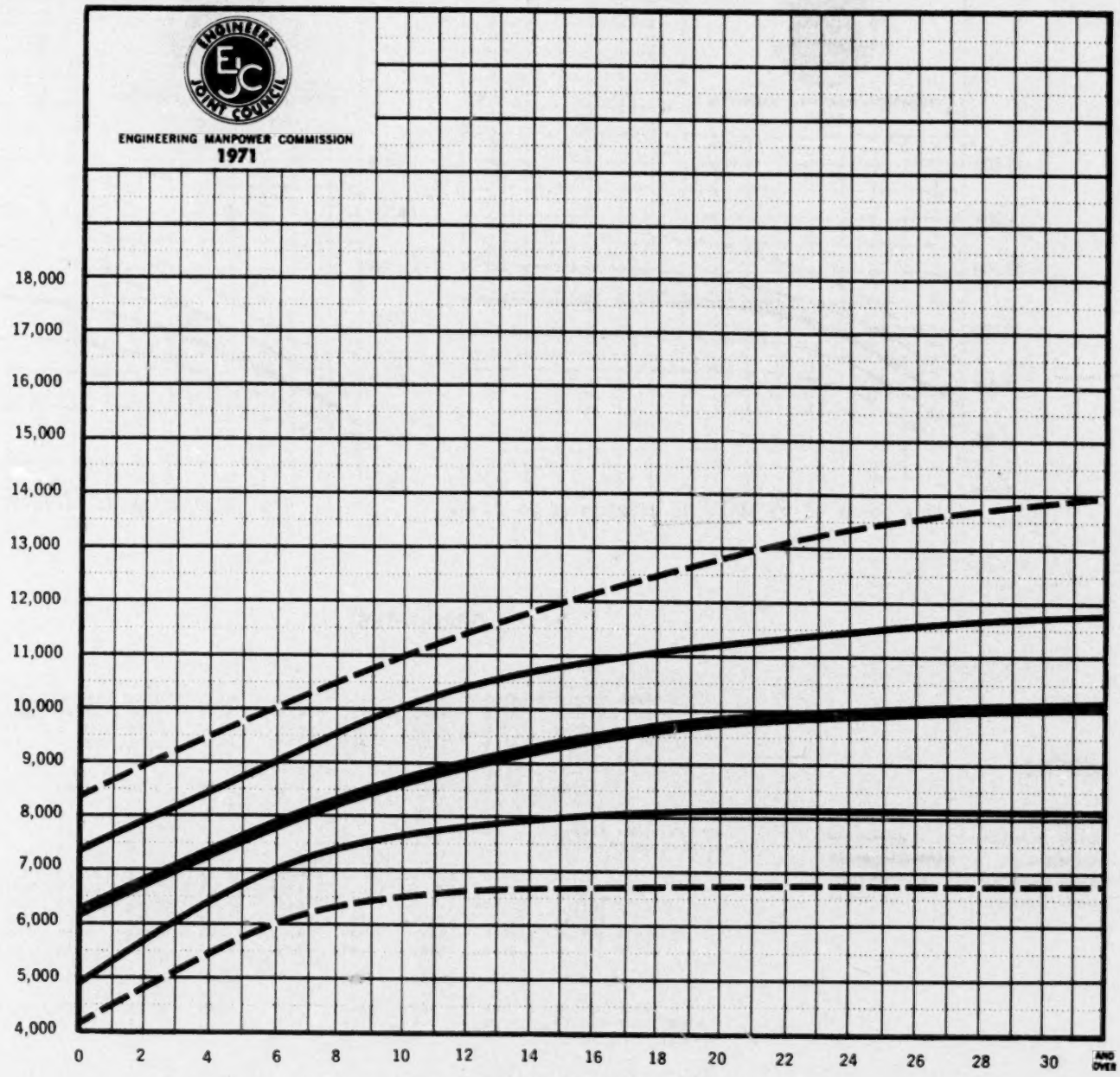
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11700	12550	13300	13850	14250	14500	14700	14850	14900
UPPER QUARTILE	10550	11300	11900	12350	12700	12900	13050	13150	13200
MEDIAN	9500	10100	10550	10850	11050	11100	11100	11100	11050
LOWER QUARTILE	8450	8950	9300	9500	9600	9650	9600	9500	9300
LOWER DECILE	7350	7800	8150	8350	8500	8500	8500	8400	8200
MEAN	9550	10150	10600	10900	11150	11250	11350	11400	11400
TOTAL NUMBER	1036	948	810	691	637	591	550	757	916
NUMBERS OVER $16000	5	12	5	16	14	17	25	36	50
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 9792

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

SOUTHERN STATES
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

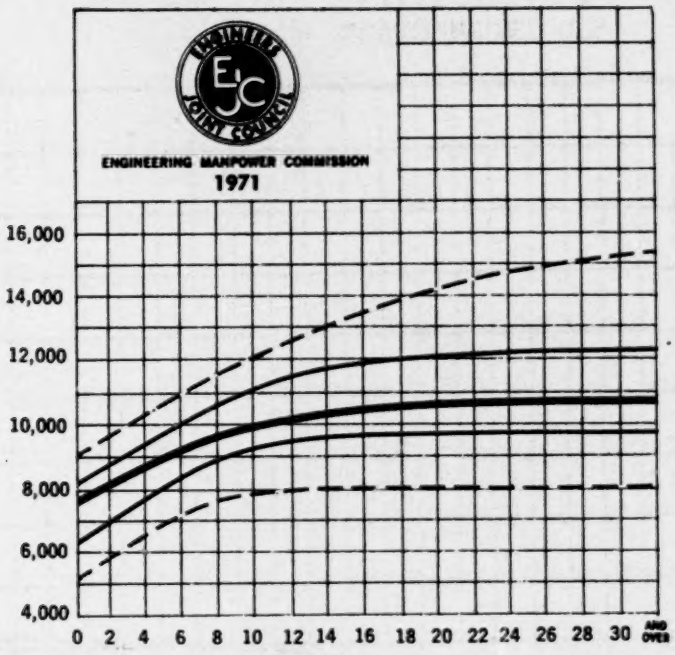
YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8450	8700	9000	9250	9500	9750	10000	10250	10500
UPPER QUARTILE	7400	7700	7950	8250	8500	8800	9000	9250	9500
MEDIAN	6150	6500	6800	7100	7350	7650	7900	8100	8350
LOWER QUARTILE	4950	5400	5850	6200	6550	6800	7050	7250	7400
LOWER DECILE	4150	4600	5000	5350	5650	5900	6050	6200	6350
MEAN	6350	6650	6950	7200	7500	7750	8000	8200	8400
TOTAL NUMBER	466	469	1190	809	1023	881	822	871	898
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11000	11650	12200	12700	13150	13500	13750	14000	14150
UPPER QUARTILE	9900	10400	10850	11150	11350	11550	11650	11750	11800
MEDIAN	8700	9150	9500	9750	9900	9950	10050	10050	10100
LOWER QUARTILE	7650	7900	8000	8050	8100	8100	8100	8100	8100
LOWER DECILE	6500	6650	6700	6750	6750	6750	6750	6750	6750
MEAN	8800	9200	9550	9800	9950	10050	10100	10150	10150
TOTAL NUMBER	1960	1786	1729	1376	1212	1237	1026	1369	1580
NUMBERS OVER $16000	5	12	22	30	31	52	50	84	47
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

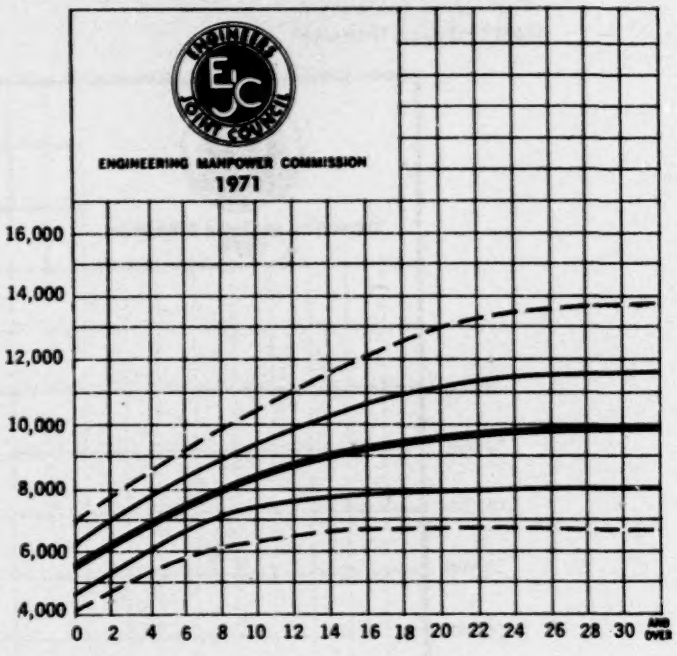
NUMBER OF TECHNICIANS COVERED - 20704

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Years Since Graduation from Technical Institute* **GRADUATES**



Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON-GRADUATES**



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9050	9350	9700	10000	10300	10600	10900	11200	11500
UPPER QUARTILE	8200	8600	8950	9300	9650	9950	10200	10450	10700
MEDIAN	7600	8000	8350	8650	8950	9200	9400	9600	9750
LOWER QUARTILE	6350	6850	7300	7700	8050	8350	8600	8800	9000
LOWER DECILE	5150	5800	6350	6800	7100	7350	7550	7700	7800
MEAN	7350	7750	8100	8450	8750	9050	9300	9550	9750
TOTAL NUMBER	180	236	314	314	355	296	226	205	186
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12050	12800	13450	14000	14450	14800	15050	15300	15450
UPPER QUARTILE	11100	11500	11800	12000	12100	12200	12250	12250	12250
MEDIAN	10000	10300	10450	10550	10600	10600	10650	10650	10650
LOWER QUARTILE	9250	9500	9650	9700	9750	9750	9750	9750	9750
LOWER DECILE	7900	8000	8050	8050	8050	8050	8050	8050	8050
MEAN	10180	10500	10750	10900	11000	11050	11050	11100	11100
TOTAL NUMBER	378	228	181	127	129	118	93	89	138
NUMBERS OVER $16000	0	2	6	9	6	13	11	7	9
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3785

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	6950	7300	7700	8050	8400	8800	9150	9500	9850
UPPER QUARTILE	6250	6600	7000	7350	7700	8050	8350	8650	8950
MEDIAN	5500	5850	6200	6550	6900	7200	7500	7750	8000
LOWER QUARTILE	4650	5100	5500	5850	6200	6500	6750	6950	7150
LOWER DECILE	4150	4450	4750	5050	5300	5550	5800	5950	6150
MEAN	5600	5950	6250	6600	6900	7200	7500	7800	8050
TOTAL NUMBER	286	233	876	495	668	585	596	666	712
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

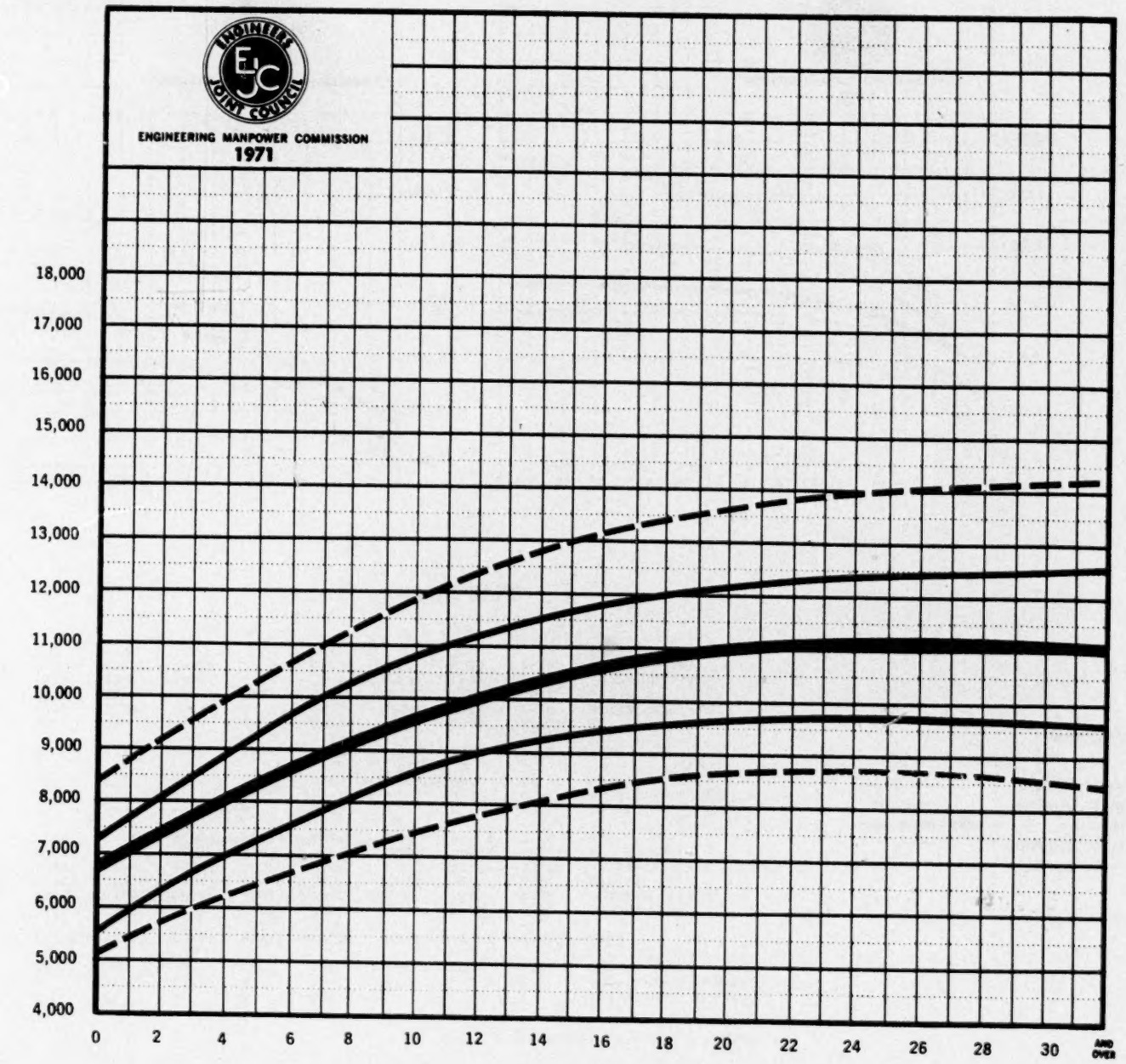
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10500	11350	12100	12650	13100	13450	13650	13850	13950
UPPER QUARTILE	9500	10150	10650	11050	11300	11500	11600	11650	11700
MEDIAN	8450	8950	9350	9600	9750	9850	9900	9900	9900
LOWER QUARTILE	7450	7750	7900	7950	8000	8000	8000	8050	8050
LOWER DECILE	6400	6650	6750	6750	6750	6700	6700	6650	6650
MEAN	8450	9000	9400	9650	9850	9950	10000	10050	10050
TOTAL NUMBER	1598	1558	1548	1249	1083	1119	933	1280	1442
NUMBERS OVER $16000	5	10	16	21	25	39	39	77	38
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 16919

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

WESTERN STATES
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8400	8800	9200	9600	9950	10350	10650	11000	11300
UPPER QUARTILE	7400	7850	8250	8650	9000	9400	9700	10000	10300
MEDIAN	6750	7050	7400	7700	8000	8300	8600	8850	9150
LOWER QUARTILE	5500	5850	6200	6550	6900	7200	7550	7850	8100
LOWER DECILE	5100	5350	5600	5900	6150	6400	6650	6850	7100
MEAN	6650	7000	7350	7700	8000	8350	8650	8950	9200
TOTAL NUMBER	41	67	124	126	212	221	296	318	376
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11900	12600	13100	13500	13800	14000	14100	14200	14250
UPPER QUARTILE	10800	11400	11850	12150	12300	12450	12500	12550	12550
MEDIAN	9600	10200	10650	10900	11050	11100	11050	11000	10900
LOWER QUARTILE	8600	9150	9450	9650	9700	9650	9600	9550	9500
LOWER DECILE	7500	8050	8400	8600	8700	8650	8600	8450	8250
MEAN	9700	10300	10700	10950	11100	11150	11200	11200	11150
TOTAL NUMBER	1059	1187	1071	1027	863	782	722	1024	1018
NUMBERS OVER $16000	1	4	5	15	10	17	23	39	43
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 10526

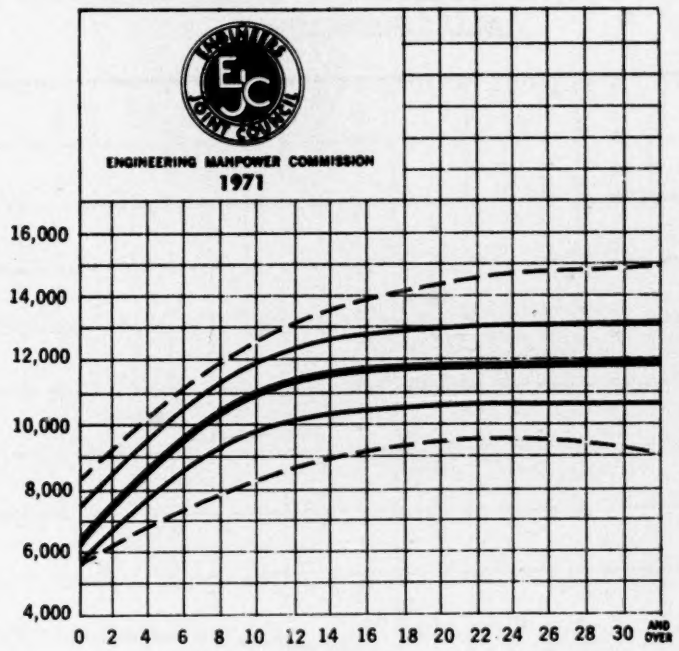
LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

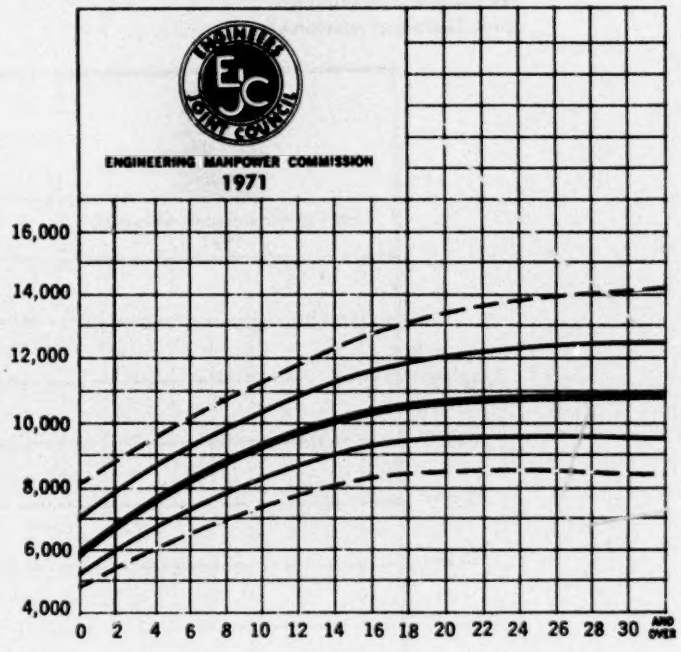
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8300	8850	9350	9850	10300	10750	11150	11550	11950
UPPER QUARTILE	7500	8050	8650	9200	9650	10150	10550	10900	11250
MEDIAN	6250	6950	7600	8200	8800	9300	9750	10100	10450
LOWER QUARTILE	5800	6350	6900	7400	7850	8250	8600	8950	9250
LOWER DECILE	5800	6050	6300	6550	6800	7050	7300	7550	7750
MEAN	6700	7250	7750	8250	8700	9100	9500	9850	10150
TOTAL NUMBER	24	31	59	52	82	63	78	82	90
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12600	13400	13950	14350	14600	14750	14850	14950	14950
UPPER QUARTILE	11800	12350	12700	12900	13000	13050	13050	13100	13100
MEDIAN	10950	11400	11650	11800	11850	11850	11850	11900	11900
LOWER QUARTILE	9700	10150	10450	10600	10650	10700	10700	10700	10700
LOWER DECILE	8200	8750	9150	9400	9500	9450	9300	9000	8550
MEAN	10650	11200	11550	11750	11850	11900	11950	11950	11950
TOTAL NUMBER	269	245	231	187	129	76	58	94	73
NUMBERS OVER $16000	0	0	0	1	5	2	3	10	7
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1923

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8250	8600	8950	9300	9600	9950	10250	10550	10850
UPPER QUARTILE	7000	7400	7800	8150	8550	8900	9200	9550	9850
MEDIAN	5900	6300	6700	7100	7500	7850	8200	8550	8850
LOWER QUARTILE	5300	5650	6000	6350	6650	7000	7300	7600	7900
LOWER DECILE	4850	5150	5400	5700	5950	6200	6450	6700	6950
MEAN	6350	6700	7000	7350	7700	8000	8300	8600	8900
TOTAL NUMBER	17	36	65	74	130	158	218	236	286
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

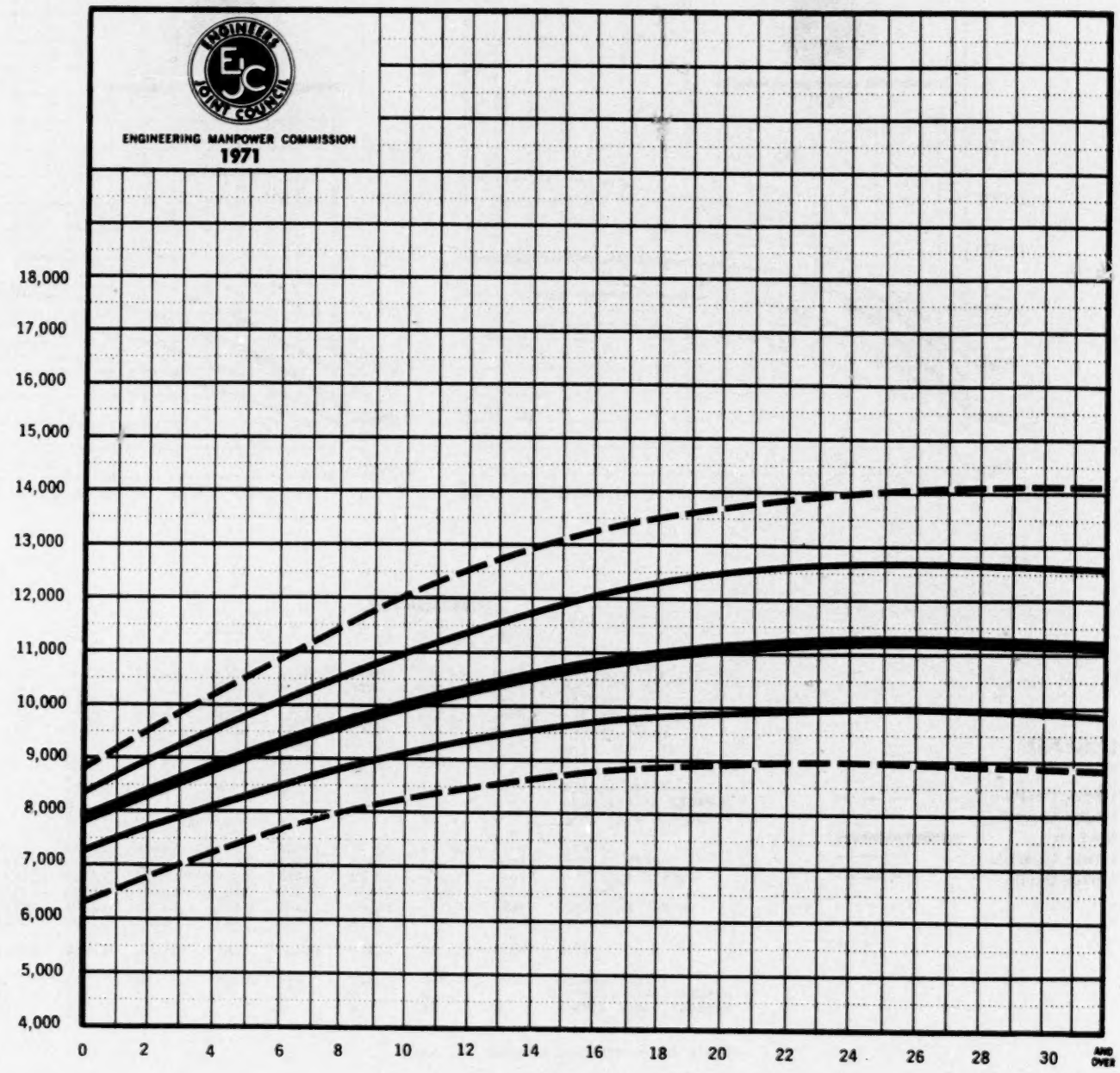
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11400	12150	12750	13250	13600	13850	14050	14200	14300
UPPER QUARTILE	10400	11050	11550	11900	12100	12250	12350	12450	12500
MEDIAN	9400	10000	10400	10650	10800	10850	10900	10900	10900
LOWER QUARTILE	8400	8950	9350	9500	9600	9600	9550	9500	9450
LOWER DECILE	7400	7950	8300	8500	8600	8550	8500	8400	8250
MEAN	9400	10050	10500	10800	10950	11050	11100	11100	11100
TOTAL NUMBER	790	942	840	840	734	706	664	930	937
NUMBERS OVER $16000	1	4	5	14	5	15	20	29	36
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 8603

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ALL MANUFACTURING INDUSTRIES
ALL TECHNICIANS



LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8950	9300	9600	9950	10300	10600	10900	11200	11500
UPPER QUARTILE	8400	8700	8950	9250	9500	9750	10050	10300	10550
MEDIAN	7950	8200	8400	8650	8850	9050	9250	9450	9650
LOWER QUARTILE	7350	7550	7750	7950	8100	8300	8500	8650	8800
LOWER DECILE	6400	6650	6850	7050	7250	7450	7650	7800	7950
MEAN	7850	8100	8350	8600	8800	9050	9300	9500	9700
TOTAL NUMBER	136	424	804	1022	1306	1127	977	1156	1315
NUMBERS OVER $16000	0	0	0	0	0	1	0	1	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12050	12750	13300	13650	13900	14050	14100	14100	14050
UPPER QUARTILE	11000	11600	12050	12350	12550	12650	12650	12550	12300
MEDIAN	10000	10450	10800	11050	11150	11200	11200	11100	10950
LOWER QUARTILE	9100	9450	9700	9900	9950	10000	9950	9850	9650
LOWER DECILE	8250	8600	8850	8950	9000	9000	8950	8850	8750
MEAN	10100	10550	10900	11150	11300	11350	11350	11250	11100
TOTAL NUMBER	3195	2636	2346	2197	1861	1569	1455	1809	1588
NUMBERS OVER $16000	8	2	4	6	8	8	7	13	16
NUMBERS UNDER $4000	8	0	0	0	0	0	0	0	0

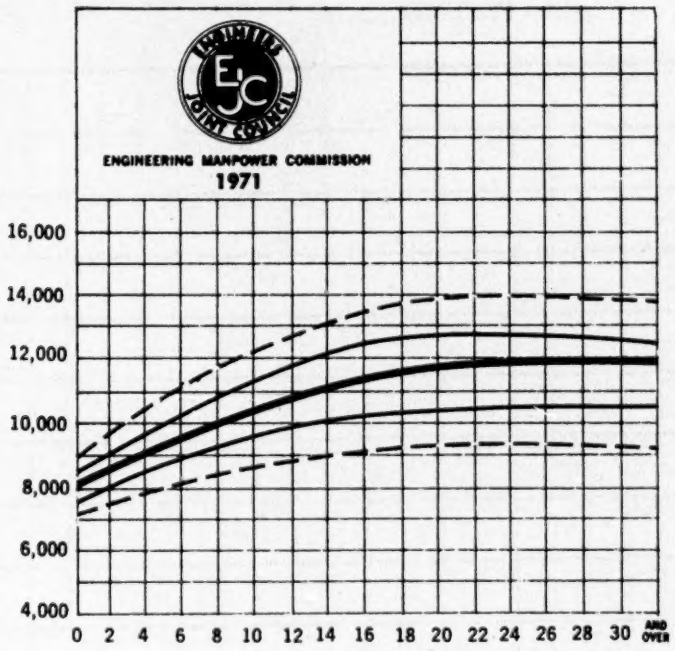
NUMBER OF TECHNICIANS COVERED - 26923

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

ALL MANUFACTURING INDUSTRIES

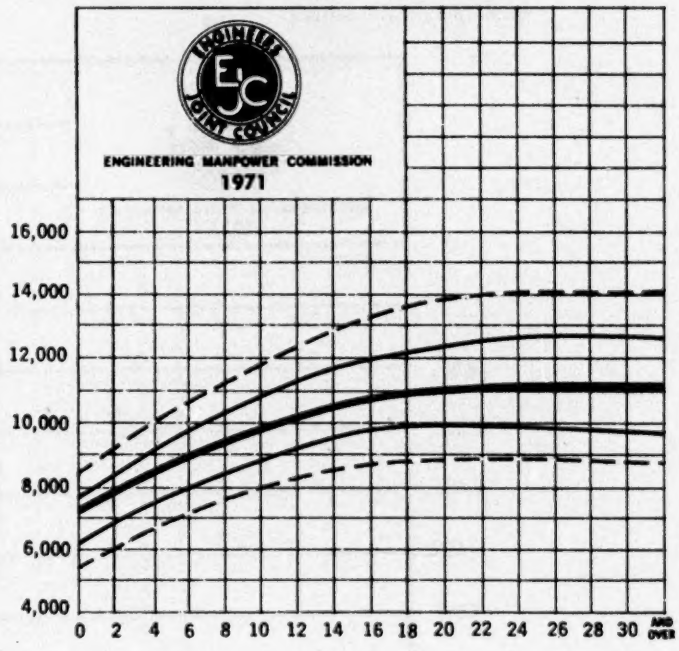
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9000	9400	9800	10150	10500	10850	11200	11550	11850
UPPER QUARTILE	8450	8800	9100	9450	9750	10050	10350	10650	10900
MEDIAN	8100	8350	8600	8850	9050	9300	9550	9750	10000
LOWER QUARTILE	7700	7900	8150	8350	8550	8700	8900	9050	9250
LOWER DECILE	7200	7400	7600	7750	7950	8100	8250	8350	8500
MEAN	8100	8350	8650	8900	9150	9400	9650	9850	10100
TOTAL NUMBER	84	325	624	703	792	589	431	431	430
NUMBERS OVER $16000	0	0	0	0	0	1	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12400	13100	13550	13850	14000	14000	13950	13850	13700
UPPER QUARTILE	11400	12000	12450	12700	12800	12750	12650	12450	12100
MEDIAN	10400	10900	11300	11650	11850	11950	11950	11900	11750
LOWER QUARTILE	9500	9900	10150	10350	10450	10500	10550	10550	10500
LOWER DECILE	8700	8950	9150	9200	9250	9200	9200	9100	9000
MEAN	10500	10950	11350	11550	11700	11700	11700	11600	11500
TOTAL NUMBER	955	571	397	325	244	166	116	147	118
NUMBERS OVER $16000	0	1	3	5	2	4	1	2	3
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 7448

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8300	8700	9050	9450	9800	10200	10550	10900	11200
UPPER QUARTILE	7800	8100	8450	8800	9100	9400	9750	10050	10300
MEDIAN	7150	7450	7750	8050	8350	8650	8900	9150	9400
LOWER QUARTILE	6150	6450	6800	7100	7400	7700	7950	8250	8500
LOWER DECILE	5400	5750	6050	6350	6650	6950	7250	7500	7700
MEAN	7000	7300	7650	7950	8300	8600	8900	9200	9450
TOTAL NUMBER	52	99	180	319	514	538	546	725	885
NUMBERS OVER $16000	0	0	0	0	0	0	0	1	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

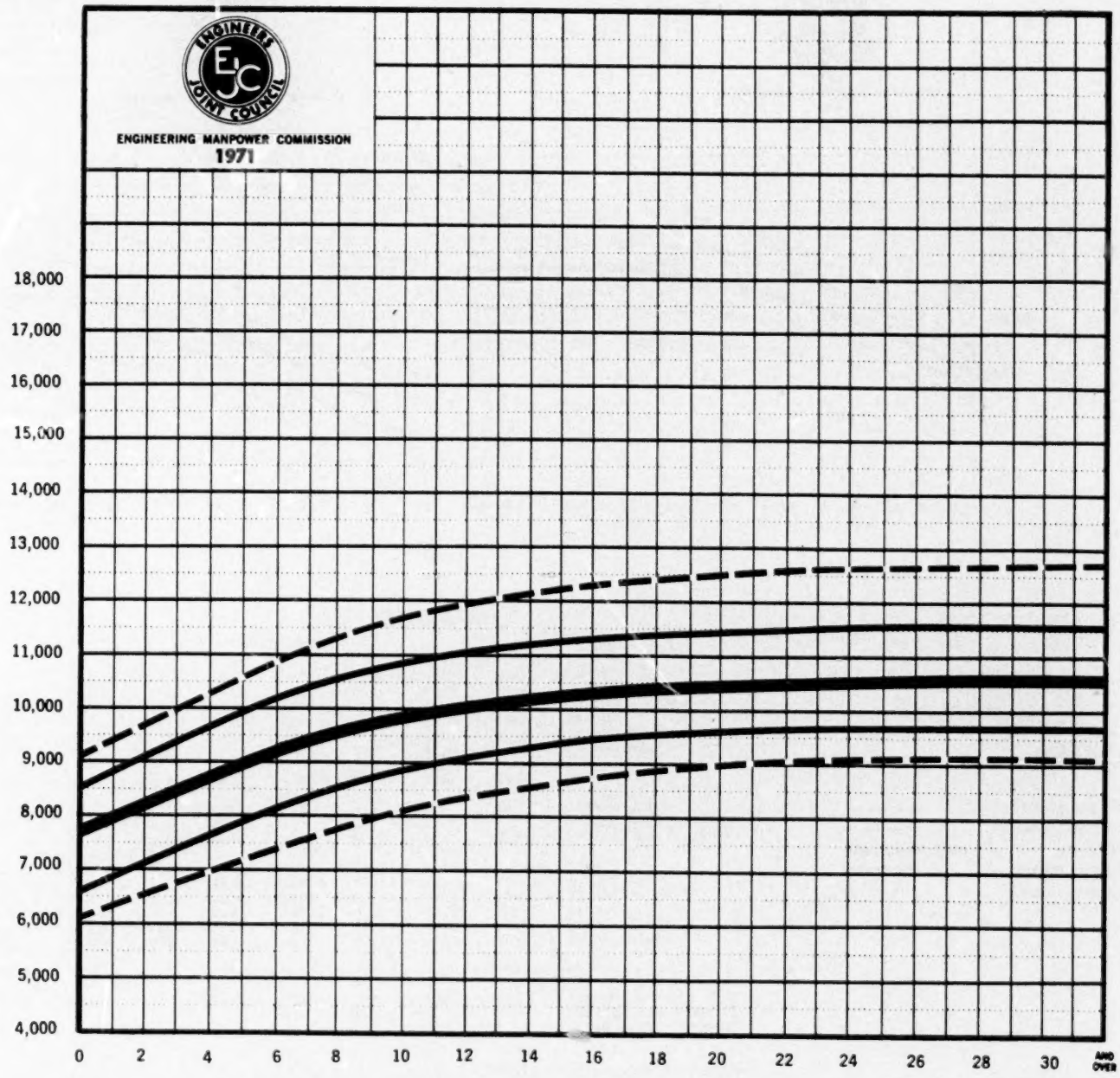
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11850	12600	13200	13650	13900	14050	14100	14100	14050
UPPER QUARTILE	10850	11500	12000	12300	12500	12600	12600	12550	12450
MEDIAN	9850	10400	10750	11000	11100	11100	11100	11000	10900
LOWER QUARTILE	8900	9400	9750	9900	9950	9900	9850	9750	9650
LOWER DECILE	8100	8550	8800	8950	8950	8950	8900	8850	8800
MEAN	9900	10500	10850	11100	11200	11250	11250	11200	11150
TOTAL NUMBER	2240	2065	1949	1872	1617	1403	1339	1662	1470
NUMBERS OVER $16000	0	1	1	1	6	4	6	11	13
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 19475

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

CHEMICAL AND PETROLEUM INDUSTRIES
ALL TECHNICIANS

Annual Salary by Equivalent Years Since Graduation from Technical Institute*



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9100	9450	9800	10100	10400	10650	10900	11100	11300
UPPER QUARTILE	8500	8900	9200	9500	9750	10000	10200	10400	10600
MEDIAN	7700	8050	8300	8600	8850	9050	9250	9450	9600
LOWER QUARTILE	6550	6850	7150	7400	7700	7950	8150	8400	8550
LOWER DECILE	6150	6350	6550	6800	7000	7200	7400	7600	7750
MEAN	7600	7900	8200	8500	8750	9000	9200	9400	9600
TOTAL NUMBER	13	19	35	45	51	61	53	49	62
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11650	12050	12300	12500	12600	12700	12700	12750	12750
UPPER QUARTILE	10850	11150	11300	11450	11500	11550	11550	11550	11550
MEDIAN	9850	10150	10350	10450	10500	10550	10600	10600	10600
LOWER QUARTILE	8900	9250	9500	9600	9700	9700	9700	9700	9700
LOWER DECILE	8100	8500	8750	8950	9050	9100	9100	9050	9000
MEAN	9900	10200	10450	10600	10700	10750	10750	10800	10800
TOTAL NUMBER	185	128	126	117	110	127	119	146	119
NUMBERS OVER $16000	0	1	0	3	1	2	2	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

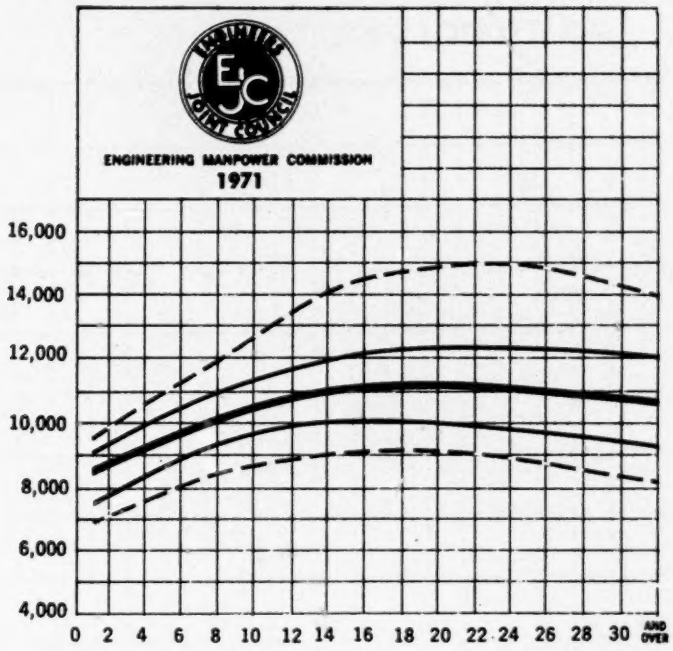
NUMBER OF TECHNICIANS COVERED - 1565

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

CHEMICAL AND PETROLEUM INDUSTRIES

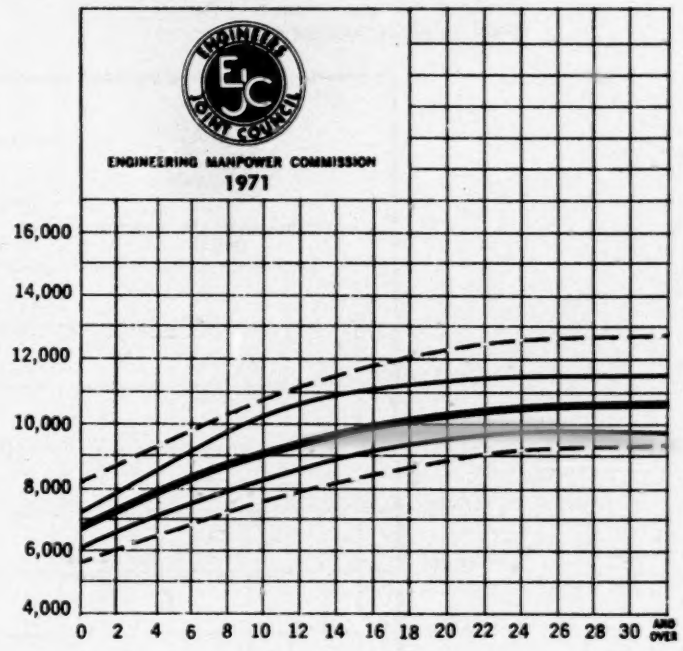
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	9550	9850	10200	10550	10900	11200	11550	11900
UPPER QUARTILE	0	9050	9400	9750	10050	10350	10650	10900	11100
MEDIAN	0	8550	8800	9050	9300	9550	9800	10000	10200
LOWER QUARTILE	0	7550	7850	8150	8400	8650	8900	9150	9350
LOWER DECILE	0	6950	7200	7450	7650	7900	8100	8250	8450
MEAN	0	8350	8650	8950	9250	9500	9750	10000	10200
TOTAL NUMBER	4	12	22	35	32	45	38	23	34
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12550	13450	14200	14750	15000	14950	14650	13900	12100
UPPER QUARTILE	11500	11900	12150	12250	12250	12150	12100	12000	11850
MEDIAN	10550	10900	11100	11150	11150	11000	10850	10650	10400
LOWER QUARTILE	9650	9950	10050	10000	9850	9650	9450	9200	8950
LOWER DECILE	8700	9000	9100	9100	8950	8750	8550	8250	7850
MEAN	10600	11050	11300	11400	11350	11250	11100	10850	10550
TOTAL NUMBER	83	36	32	20	23	12	9	13	11
NUMBERS OVER $16000	0	1	0	3	1	2	1	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 484

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8250	8500	8800	9100	9350	9650	9900	10150	10350
UPPER QUARTILE	7250	7650	8000	8300	8650	8950	9250	9550	9800
MEDIAN	6700	7000	7250	7550	7800	8050	8300	8550	8750
LOWER QUARTILE	6050	6300	6550	6800	7050	7300	7500	7750	7950
LOWER DECILE	5750	5950	6150	6350	6550	6700	6900	7100	7300
MEAN	6800	7100	7350	7600	7900	8150	8350	8600	8850
TOTAL NUMBER	9	7	13	10	19	16	15	26	28
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

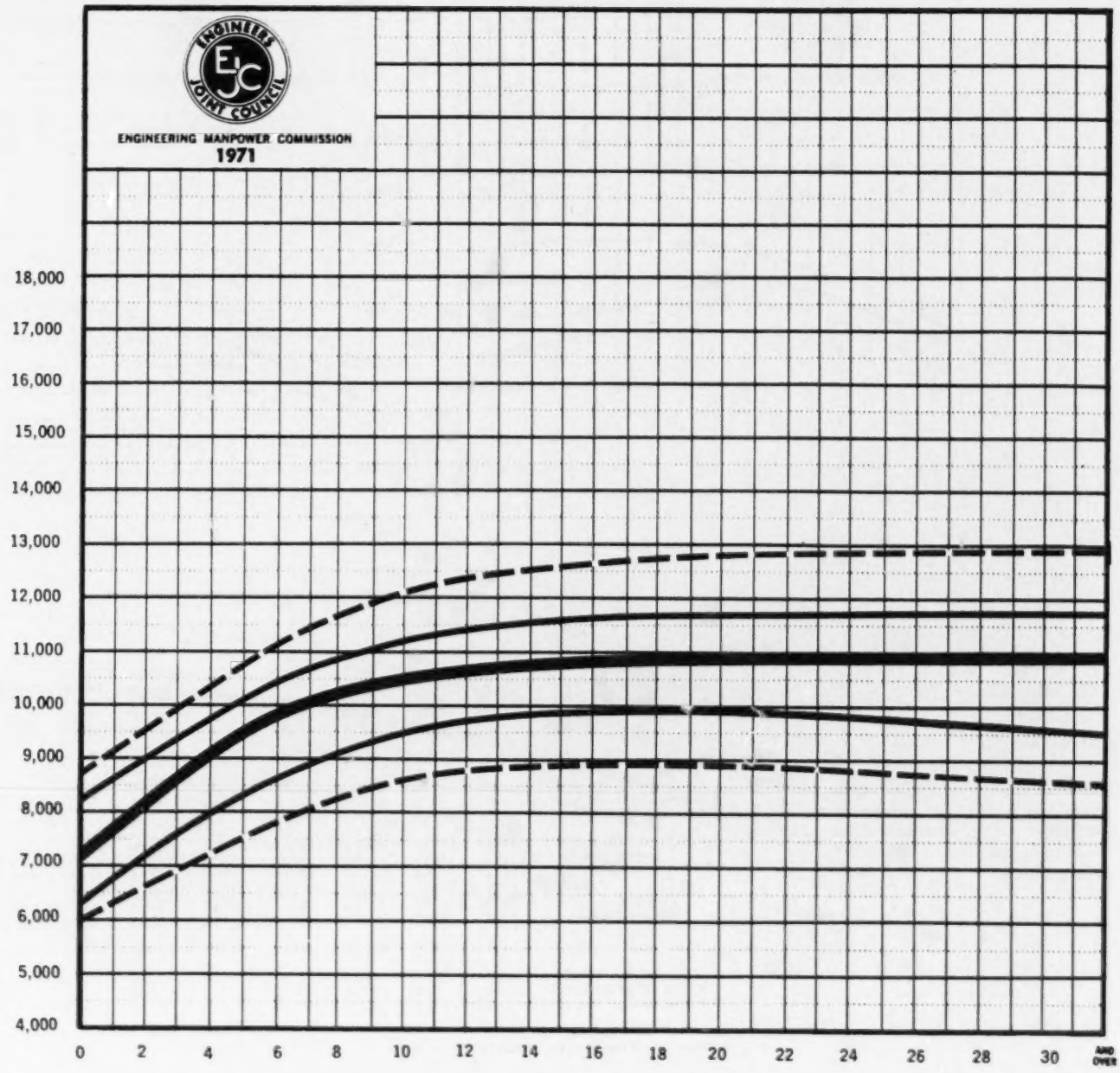
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10800	11350	11800	12150	12400	12600	12700	12800	12900
UPPER QUARTILE	10250	10750	11100	11300	11450	11500	11550	11550	11550
MEDIAN	9150	9650	10050	10300	10500	10550	10600	10600	10600
LOWER QUARTILE	8400	8900	9300	9550	9750	9800	9800	9750	9650
LOWER DECILE	7650	8150	8550	8850	9100	9200	9250	9250	9100
MEAN	9250	9750	10150	10400	10600	10700	10750	10800	10800
TOTAL NUMBER	102	92	94	97	87	115	110	133	108
NUMBERS OVER $16000	0	0	0	0	0	0	1	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1081

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

CHEMICAL INDUSTRY
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8750	9250	9750	10150	10550	10900	11200	11450	11700
UPPER QUARTILE	8250	8750	9200	9600	9950	10250	10500	10750	10900
MEDIAN	7150	7750	8300	8750	9150	9500	9800	10000	10200
LOWER QUARTILE	6350	6800	7200	7600	7950	8300	8600	8900	9150
LOWER DECILE	6000	6350	6700	7050	7350	7600	7850	8100	8300
MEA	7300	7750	8200	8650	9000	9350	9650	9850	10100
TOTAL NUMBER	8	11	23	34	35	46	40	34	45
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

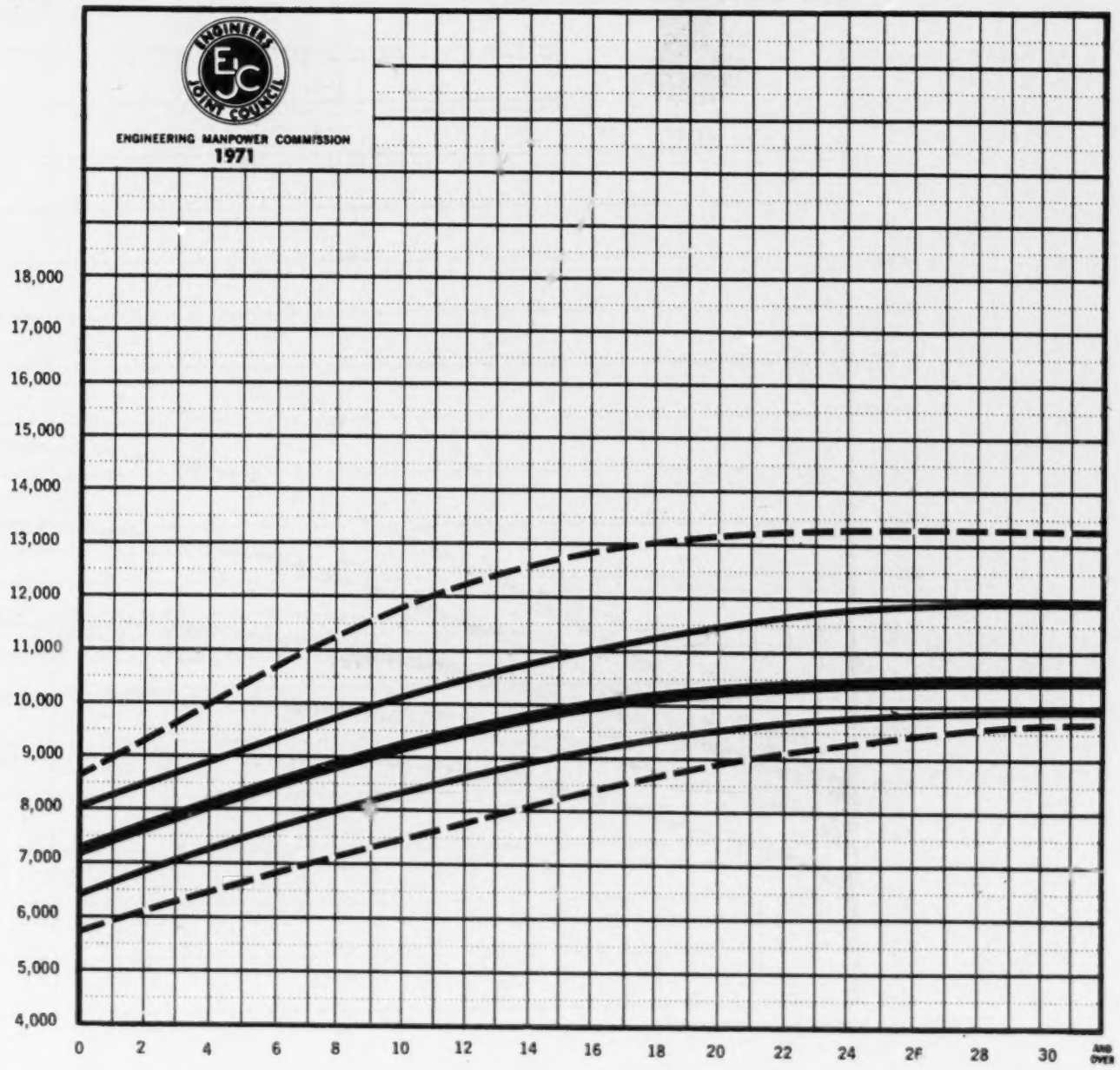
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12050	12400	12650	12750	12850	12850	12900	12900	12900
UPPER QUARTILE	11200	11450	11600	11700	11700	11750	11750	11750	11750
MEDIAN	10500	10750	10850	10900	10950	10950	10950	10950	10950
LOWER QUARTILE	9500	9800	9900	9850	9800	9700	9600	9500	9450
LOWER DECILE	8600	8850	8950	8900	8800	8700	8650	8550	8500
MEAN	10400	10650	10800	10850	10850	10900	10900	10900	10900
TOTAL NUMBER	128	76	65	58	49	43	51	68	62
NUMBERS OVER $16000	0	1	0	3	1	2	1	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 876

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

PETROLEUM INDUSTRY
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8650	9000	9350	9750	10050	10400	10700	11000	11300
UPPER QUARTILE	8150	8350	8550	8750	8950	9150	9350	9550	9750
MEDIAN	7300	7500	7700	7900	8100	8300	8500	8650	8850
LOWER QUARTILE	6450	6650	6850	7050	7250	7450	7650	7850	8000
LOWER DECILE	5750	5950	6100	6300	6450	6650	6800	7000	7150
MEAN	7300	7550	7750	8000	8200	8400	8600	8850	9050
TOTAL NUMBER	6	18	25	17	26	35	31	38	30
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11800	12350	12800	13050	13200	13250	13300	13300	13250
UPPER QUARTILE	10100	10600	11000	11400	11650	11850	11950	11950	11850
MEDIAN	9200	9650	10000	10250	10450	10550	10600	10600	10550
LOWER QUARTILE	8350	8800	9200	9500	9700	9850	9900	9900	9750
LOWER DECILE	7500	8000	8450	8850	9150	9400	9550	9600	9400
MEAN	9400	9900	10300	10650	10850	11000	11050	11050	10950
TOTAL NUMBER	87	81	82	92	80	110	86	98	84
NUMBERS OVER $16000	0	1	0	3	1	4	2	2	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1018

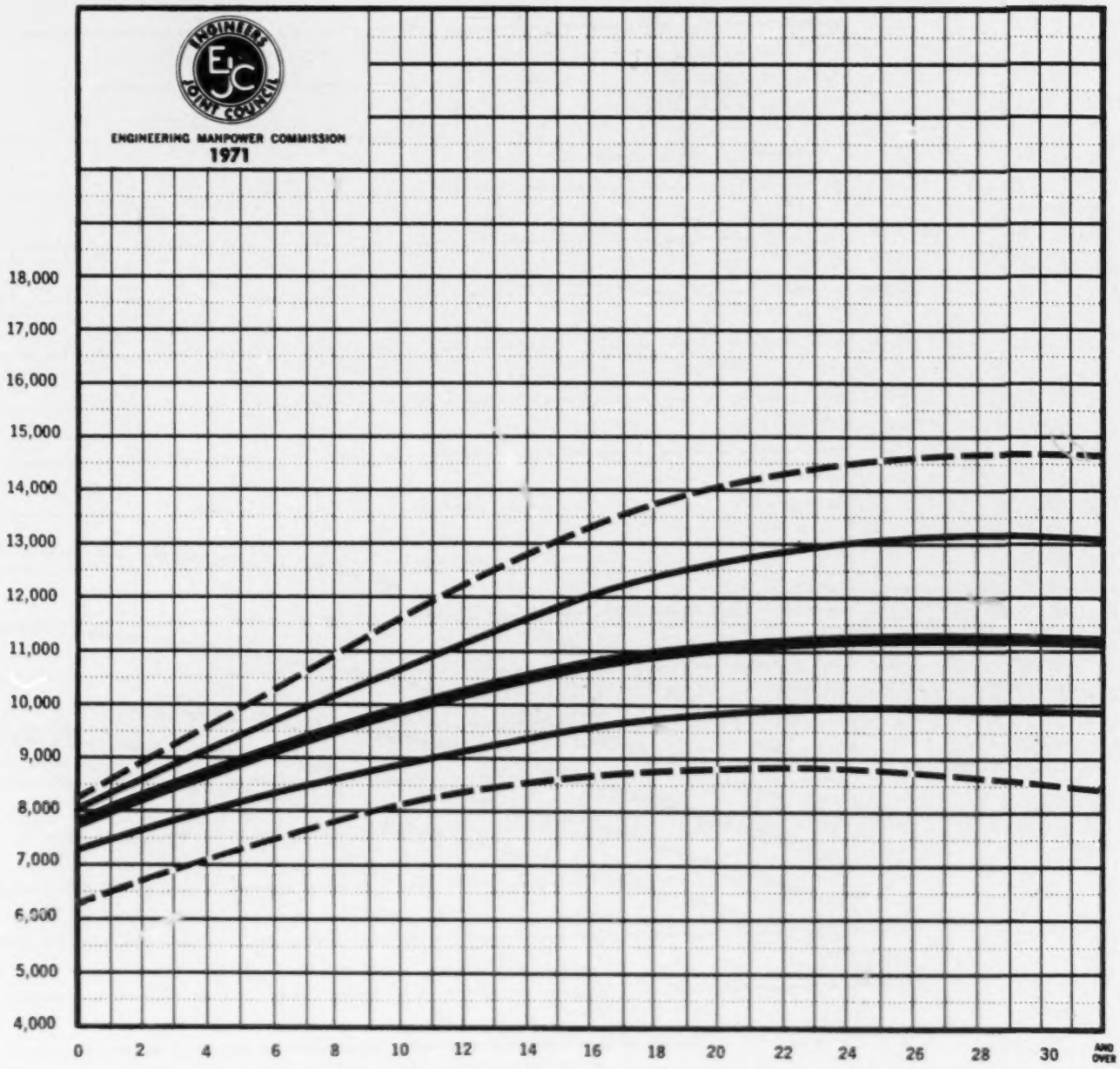
LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ELECTRICAL EQUIPMENT
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8250	8600	8900	9250	9600	9900	10250	10600	10950
UPPER QUARTILE	8100	8350	8600	8900	9150	9400	9700	9950	10200
MEDIAN	7850	8050	8250	8500	8700	8900	9100	9300	9500
LOWER QUARTILE	7300	7500	7650	7850	8000	8200	8350	8500	8650
LOWER DECILE	6350	6550	6750	6950	7150	7300	7500	7650	7800
MEAN	7600	7800	8050	8300	8500	8750	9000	9200	9400
TOTAL NUMBER	27	238	511	676	784	719	575	618	616
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11600	12450	13250	13850	14300	14550	14650	14600	14350
UPPER QUARTILE	10700	11450	12050	12550	12900	13100	13150	13050	12500
MEDIAN	9850	10350	10750	11000	11200	11300	11300	11200	10900
LOWER QUARTILE	8950	9350	9600	9850	9950	10000	9950	9850	9550
LOWER DECILE	8100	8450	8650	8750	8800	8750	8650	8450	8200
MEAN	9850	10400	10850	11150	11400	11500	11500	11400	11100
TOTAL NUMBER	1437	1138	1152	1016	927	731	754	818	686
NUMBERS OVER $16000	8	0	0	0	0	5	3	1	8
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 13425

LEGEND

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

Number of Technicians covered —

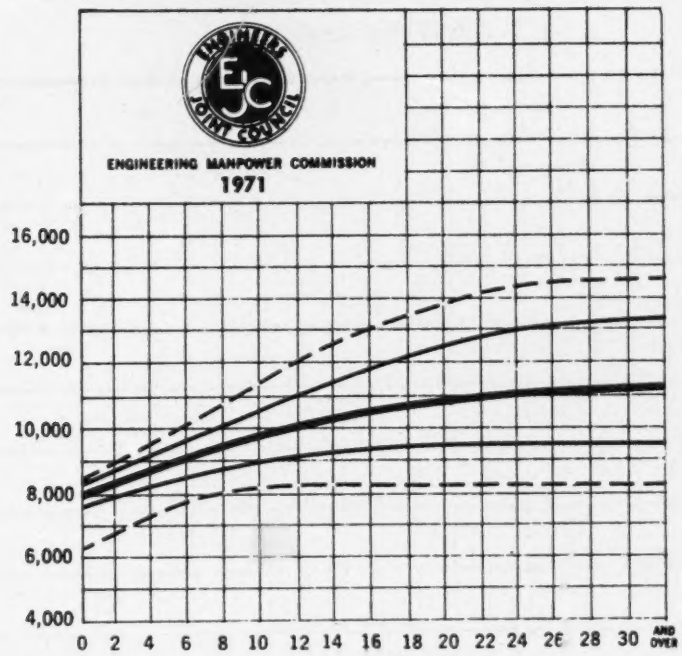
Unweighted - 7713

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

ELECTRICAL EQUIPMENT

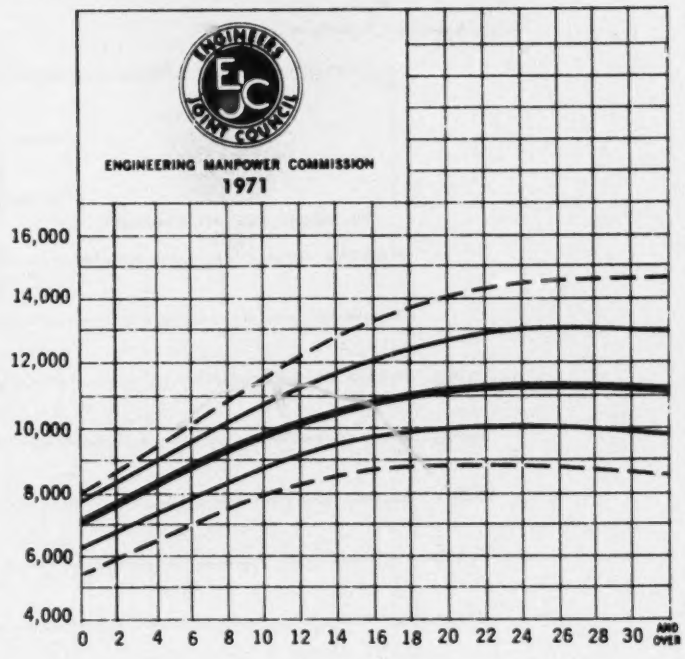
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8350	8650	8950	9300	9600	9900	10250	10550	10850
UPPER QUARTILE	8250	8450	8700	8950	9200	9450	9700	9900	10150
MEDIAN	8050	8250	8400	8600	8800	8950	9150	9300	9450
LOWER QUARTILE	7650	7850	8000	8200	8350	8500	8600	8750	8850
LOWER DECILE	6150	6800	7250	7600	7800	7950	8050	8100	8150
MEAN	7850	8100	8300	8500	8700	8900	9100	9300	9500
TOTAL NUMBER	8	198	424	480	424	348	280	279	272
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11450	12300	13050	13650	14100	14400	14600	14650	14550
UPPER QUARTILE	10600	11300	11850	12350	12750	13050	13200	13300	13200
MEDIAN	9800	10150	10500	10750	10950	11050	11100	11150	11150
LOWER QUARTILE	9000	9200	9350	9400	9450	9450	9450	9450	9450
LOWER DECILE	8200	8250	8250	8250	8250	8250	8250	8250	8250
MEAN	9800	10250	10650	10900	11150	11300	11350	11450	11450
TOTAL NUMBER	485	228	178	126	60	60	38	54	28
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3964

LEGEND

Upper Decile — — —
Upper Quartile ———
Median ▬▬▬
Lower Quartile ———
Lower Decile — — —

Number of Technicians covered —

Unweighted - 2314

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8050	8400	8750	9150	9500	9850	10250	10600	10950
UPPER QUARTILE	7750	8050	8350	8650	8950	9300	9600	9900	10200
MEDIAN	7100	7400	7700	8000	8300	8600	8900	9150	9400
LOWER QUARTILE	6250	6500	6800	7100	7350	7650	7900	8200	8400
LOWER DECILE	5450	5750	6050	6300	6600	6850	7150	7400	7600
MEAN	6950	7250	7550	7850	8150	8450	8750	9050	9300
TOTAL NUMBER	18	48	86	196	359	378	294	330	343
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11650	12550	13350	13900	14300	14500	14600	14550	14350
UPPER QUARTILE	10750	11550	12150	12650	12950	13050	13050	12950	12550
MEDIAN	9900	10450	10850	11100	11250	11250	11200	11150	11000
LOWER QUARTILE	8850	9400	9800	10000	10050	10000	9950	9750	9550
LOWER DECILE	8000	8450	8750	8850	8800	8700	8600	8450	8250
MEAN	9800	10450	10950	11250	11400	11450	11450	11300	11100
TOTAL NUMBER	952	909	981	885	867	671	716	764	658
NUMBERS OVER $16000	0	0	0	0	0	5	3	1	8
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 9461

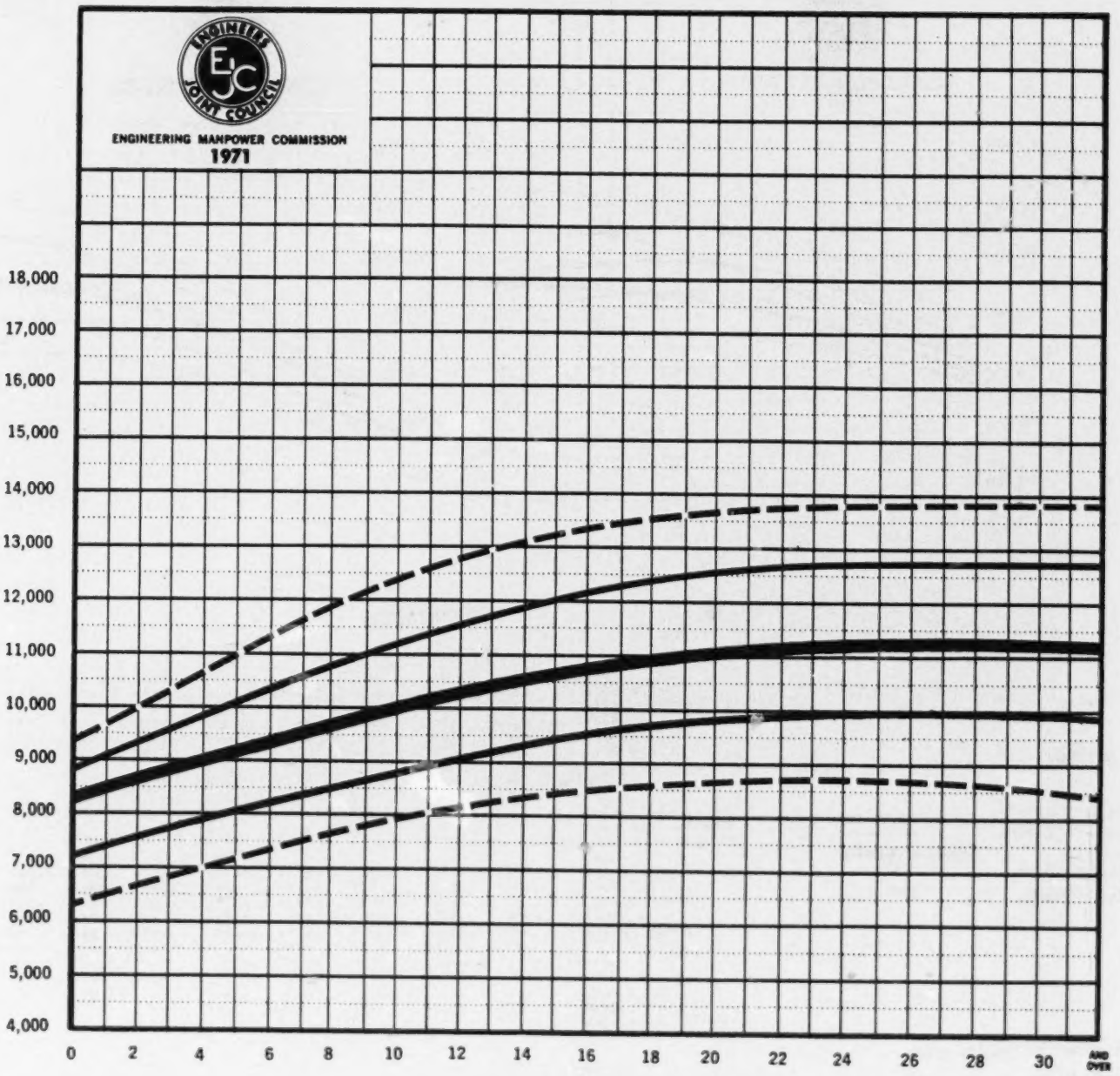
Number of Technicians covered —

Unweighted - 5399

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ELECTRONIC EQUIPMENT
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9450	9800	10150	10500	10800	11100	11400	11700	11950
UPPER QUARTILE	8850	9100	9400	9650	9900	10150	10400	10600	10800
MEDIAN	8300	8500	8700	8850	9050	9200	9400	9550	9700
LOWER QUARTILE	7250	7450	7600	7800	7950	8100	8250	8400	8550
LOWER DECILE	6400	6550	6750	6900	7050	7250	7400	7550	7650
MEAN	8100	8350	8550	8750	8950	9150	9350	9550	9750
TOTAL NUMBER	25	167	324	392	564	469	461	513	655
NUMBERS OVER $16000	0	0	0	0	0	1	0	1	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12400	12950	13350	13600	13750	13800	13850	13850	13850
UPPER QUARTILE	11200	11750	12150	12400	12600	12700	12750	12750	12700
MEDIAN	10000	10400	10750	11000	11150	11250	11250	11150	10800
LOWER QUARTILE	8850	9250	9550	9800	9900	10000	10000	9850	9500
LOWER DECILE	7950	8250	8500	8650	8700	8650	8550	8400	8100
MEAN	10050	10500	10850	11050	11200	11250	11250	11150	10950
TOTAL NUMBER	1485	1076	806	764	574	475	385	495	414
NUMBERS OVER $16000	0	1	1	0	2	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 10054

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

Number of Technicians covered —

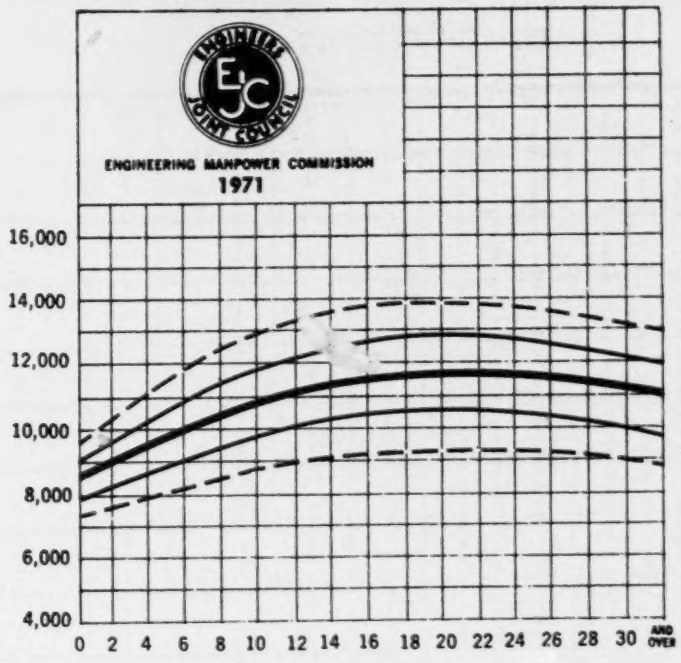
Unweighted - 8264

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

ELECTRONIC EQUIPMENT

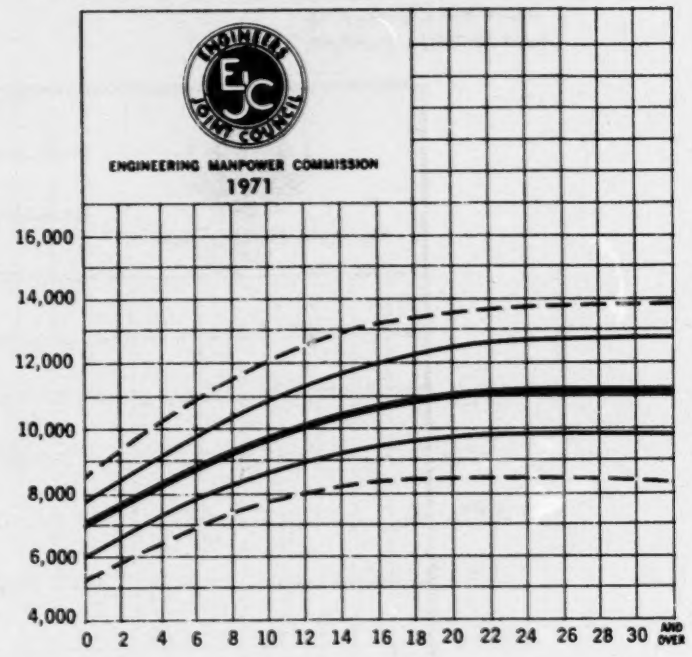
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

Upper Decile — — —
Upper Quartile ——
Median ▬▬
Lower Quartile ——
Lower Decile — — —

Number of Technicians covered —
Unweighted - 2394

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9600	10000	10400	10800	11200	11550	11900	12200	12500
UPPER QUARTILE	9000	9350	9700	10050	10400	10700	11000	11250	11550
MEDIAN	8600	8850	9100	9350	9550	9800	10000	10200	10400
LOWER QUARTILE	7950	8150	8350	8550	8750	8900	9100	9300	9450
LOWER DECILE	7350	7500	7650	7800	8000	8150	8250	8400	8550
MEAN	8550	8800	9100	9350	9600	9800	10050	10250	10450
TOTAL NUMBER	16	126	233	253	302	194	177	142	158
NUMBERS OVER $16000	0	0	0	0	0	1	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13000	13550	13850	13900	13800	13550	13250	12900	12400
UPPER QUARTILE	12000	12450	12700	12800	12700	12500	12250	11950	11500
MEDIAN	10750	11200	11500	11600	11650	11500	11300	10950	10300
LOWER QUARTILE	9800	10200	10450	10600	10650	10450	10200	9700	8600
LOWER DECILE	8800	9050	9250	9350	9350	9300	9150	8850	8350
MEAN	10850	11250	11550	11650	11650	11500	11300	10900	10300
TOTAL NUMBER	415	261	173	162	105	26	15	20	10
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2796

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8450	8850	9300	9700	10100	10450	10800	11150	11500
UPPER QUARTILE	7800	8150	8500	8850	9150	9500	9800	10100	10400
MEDIAN	7000	7300	7600	7900	8200	8450	8700	9000	9250
LOWER QUARTILE	6050	6350	6650	6950	7200	7500	7750	8000	8250
LOWER DECILE	5150	5500	5800	6150	6450	6700	7000	7250	7450
MEAN	6950	7250	7600	7900	8250	8550	8850	9100	9350
TOTAL NUMBER	8	41	91	138	262	274	283	371	497
NUMBERS OVER $16000	0	0	0	0	0	0	0	1	8
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12850	12750	13200	13500	13700	13800	13850	13850	13850
UPPER QUARTILE	10900	11550	12000	12300	12500	12650	12700	12750	12750
MEDIAN	9700	10250	10650	10950	11100	11100	11100	11000	10900
LOWER QUARTILE	8650	9150	9500	9700	9800	9850	9800	9750	9650
LOWER DECILE	7800	8200	8400	8450	8450	8400	8350	8300	8300
MEAN	9800	10350	10750	10950	11100	11100	11100	11100	11050
TOTAL NUMBER	1069	814	632	602	469	448	369	475	483
NUMBERS OVER $16000	0	1	1	0	2	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

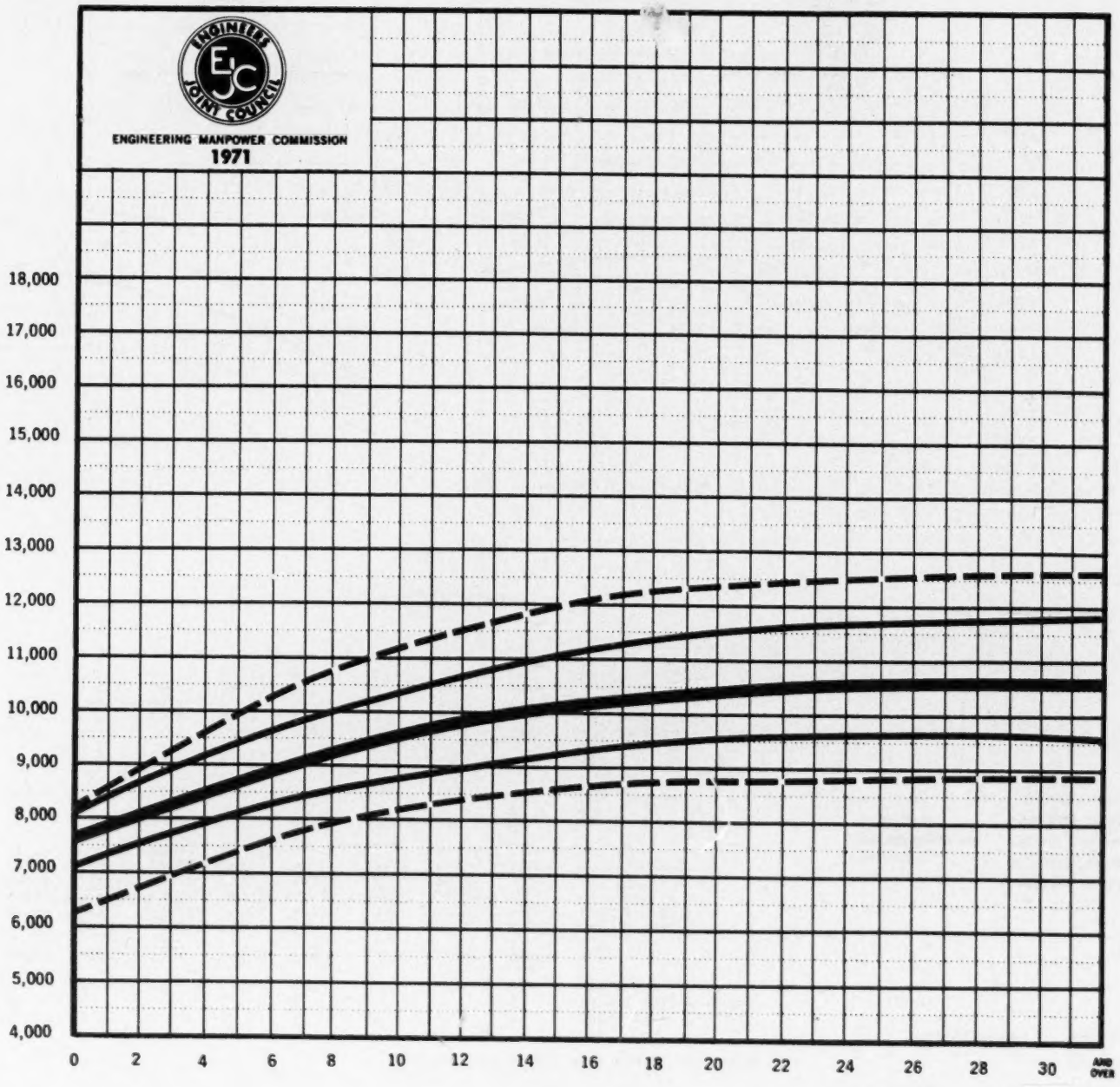
NUMBER OF TECHNICIANS COVERED - 7257

Number of Technicians covered —
Unweighted - 5870

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree, the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

MECHANICAL PRODUCT INDUSTRIES
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8200	8600	8950	9300	9650	9950	10250	10500	10750
UPPER QUARTILE	8050	8350	8600	8850	9150	9350	9600	9800	10000
MEDIAN	7750	7950	8150	8350	8550	8750	8950	9100	9300
LOWER QUARTILE	7200	7400	7600	7750	7950	8100	8250	8400	8550
LOWER DECILE	6300	6500	6750	7000	7200	7400	7600	7750	7900
MEAN	7550	7800	8050	8300	8500	8750	8950	9150	9300
TOTAL NUMBER	76	88	136	183	305	246	208	277	298
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11200	11700	12050	12250	12450	12500	12600	12600	12650
UPPER QUARTILE	10400	10800	11150	11400	11550	11700	11750	11800	11850
MEDIAN	9550	9950	10200	10350	10500	10550	10550	10550	10500
LOWER QUARTILE	8800	9100	9350	9500	9550	9600	9600	9550	9450
LOWER DECILE	8150	8450	8600	8700	8750	8800	8800	8800	8800
MEAN	9650	10000	10300	10500	10600	10650	10700	10750	10750
TOTAL NUMBER	738	718	692	655	585	498	452	649	650
NUMBERS OVER $16000	0	0	3	1	5	1	2	9	8
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

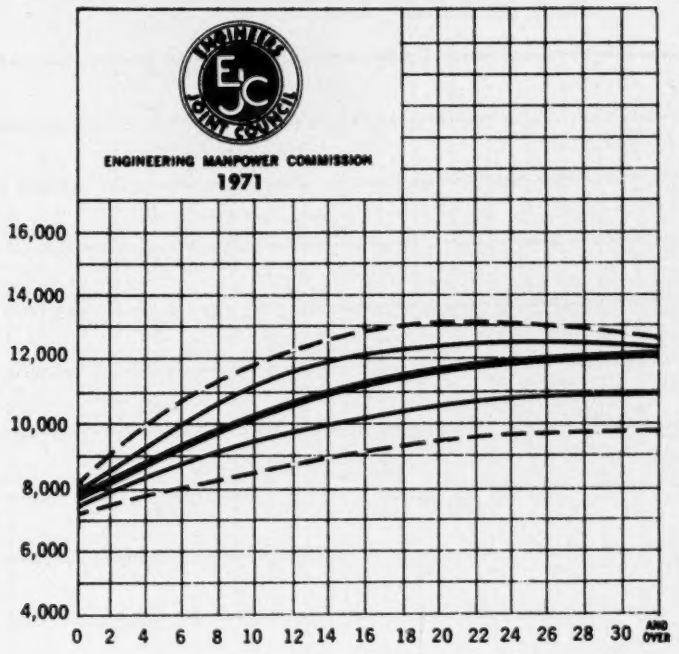
NUMBER OF TECHNICIANS COVERED - 7438

LEGEND

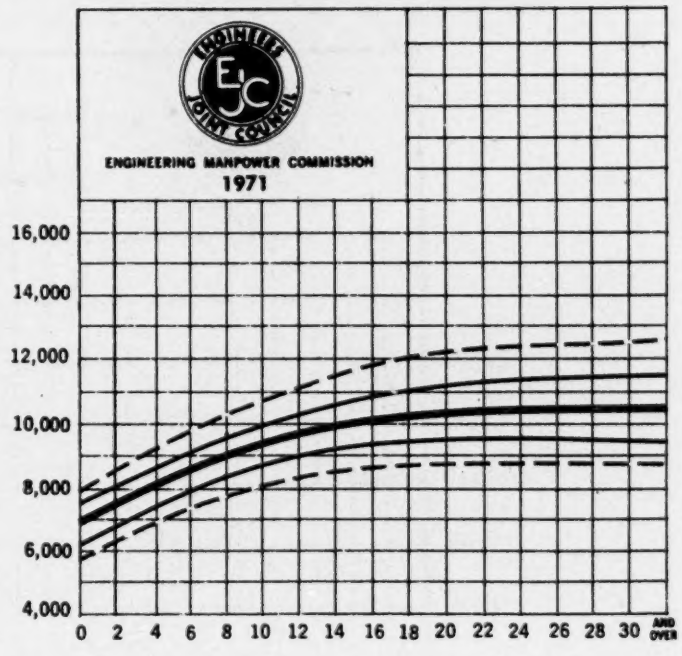
- Upper Decile — — —
- Upper Quartile ———
- Median ▬▬▬
- Lower Quartile ———
- Lower Decile — — —

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Years Since Graduation from Technical Institute*



Annual Salary by Equivalent Years Since Graduation from Technical Institute*



LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8150	8600	9000	9450	9850	10250	10650	11000	11350
UPPER QUARTILE	7950	8350	8700	9050	9350	9700	10000	10300	10600
MEDIAN	7800	8100	8350	8600	8850	9100	9300	9550	9800
LOWER QUARTILE	7500	7750	7950	8150	8350	8550	8750	8900	9100
LOWER DECILE	7300	7450	7550	7700	7800	7950	8050	8200	8300
MEAN	7750	8000	8300	8600	8850	9100	9350	9600	9850
TOTAL NUMBER	56	50	101	120	187	134	82	109	95
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11950	12550	12950	13100	13050	12950	12750	12550	12350
UPPER QUARTILE	11100	11700	12100	12300	12400	12450	12400	12350	12250
MEDIAN	10200	10750	11200	11550	11800	11950	12050	12100	12100
LOWER QUARTILE	9400	9800	10100	10400	10600	10750	10850	10950	11000
LOWER DECILE	8500	8850	9100	9350	9550	9650	9700	9700	9500
MEAN	10250	10750	11100	11350	11500	11600	11650	11650	11650
TOTAL NUMBER	188	122	101	65	79	86	69	84	80
NUMBERS OVER $16000	0	0	3	0	1	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1808

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8000	8300	8650	8950	9250	9550	9850	10100	10350
UPPER QUARTILE	7600	7850	8150	8450	8700	9000	9250	9450	9700
MEDIAN	6900	7200	7500	7800	8050	8300	8550	8750	9000
LOWER QUARTILE	6200	6500	6750	7050	7350	7600	7850	8100	8300
LOWER DECILE	5750	6050	6350	6600	6850	7100	7350	7550	7750
MEAN	6850	7200	7500	7750	8050	8300	8550	8800	9050
TOTAL NUMBER	20	30	35	63	118	112	126	168	195
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

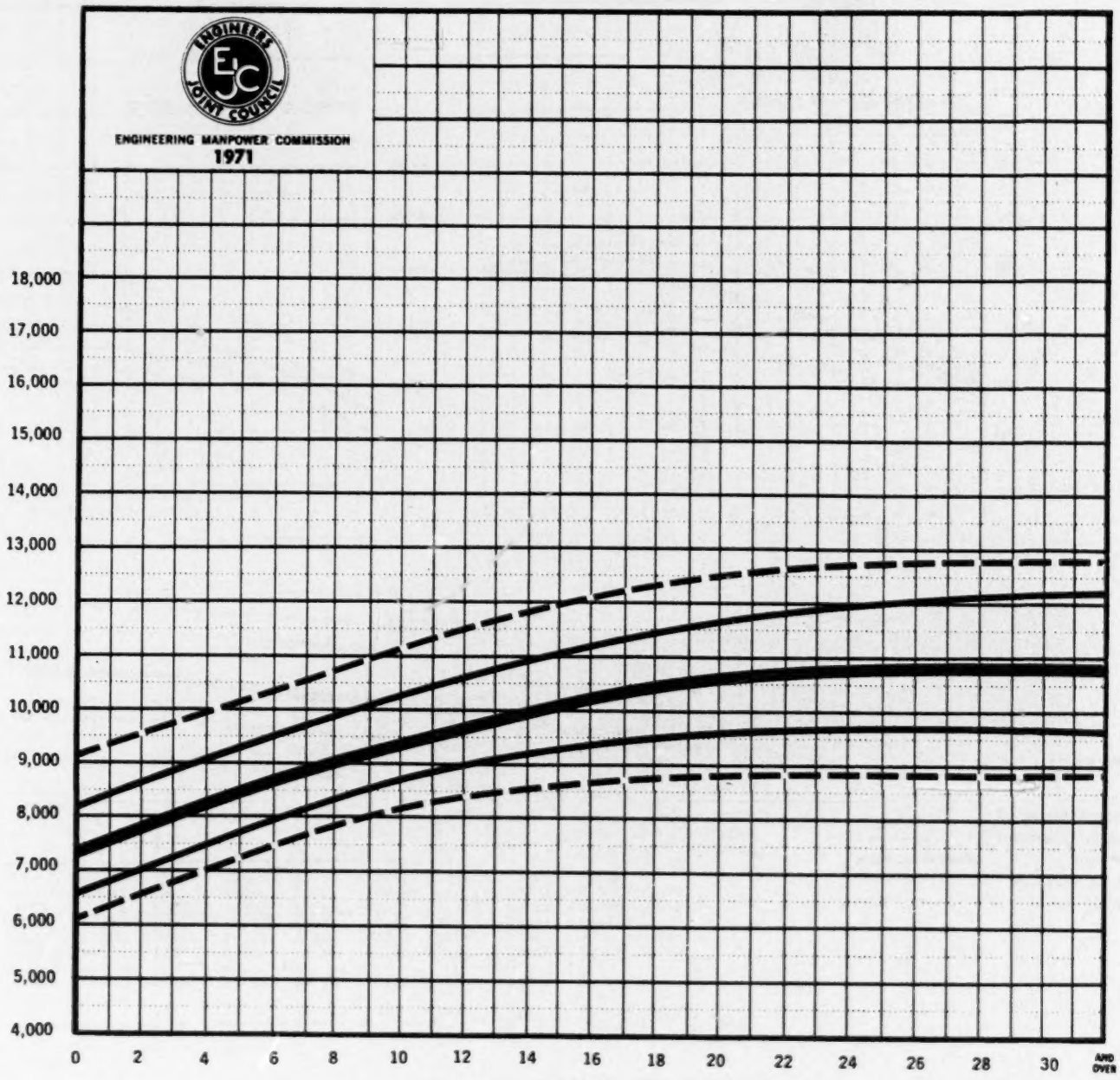
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10800	11350	11800	12100	12300	12450	12550	12600	12650
UPPER QUARTILE	10100	10600	10950	11200	11350	11400	11450	11500	11500
MEDIAN	9350	9800	10100	10250	10350	10350	10350	10350	10300
LOWER QUARTILE	8650	9050	9300	9450	9500	9500	9450	9400	9350
LOWER DECILE	8050	8400	8600	8700	8750	8750	8750	8750	8700
MEAN	9400	9850	10150	10350	10500	10550	10550	10600	10600
TOTAL NUMBER	542	596	591	590	506	412	383	565	570
NUMBERS OVER $16000	0	0	0	1	4	1	2	9	8
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 5622

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

AEROSPACE
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9100	9300	9550	9750	9950	10150	10400	10600	10750
UPPER QUARTILE	8200	8450	8650	8850	9050	9300	9500	9700	9900
MEDIAN	7450	7650	7850	8050	8250	8450	8650	8850	9050
LOWER QUARTILE	6550	6800	7050	7300	7550	7800	8000	8200	8400
LOWER DECILE	6050	6300	6550	6800	7050	7300	7500	7700	7850
MEAN	7550	7750	7950	8200	8400	8600	8800	9000	9200
TOTAL NUMBER	31	74	48	79	223	174	143	196	190
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11150	11650	12050	12400	12650	12800	12850	12850	12650
UPPER QUARTILE	10250	10800	11200	11600	11850	12050	12150	12200	12100
MEDIAN	9400	9850	10250	10500	10700	10800	10800	10750	10600
LOWER QUARTILE	8750	9150	9400	9600	9650	9650	9650	9600	9550
LOWER DECILE	8150	8450	8650	8750	8800	8800	8800	8800	8750
MEAN	9550	10000	10350	10600	10800	10900	10950	10950	10850
TOTAL NUMBER	522	628	648	688	646	512	509	686	640
NUMBERS OVER $16000	0	0	3	0	0	6	6	6	21
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 6639

LEGEND

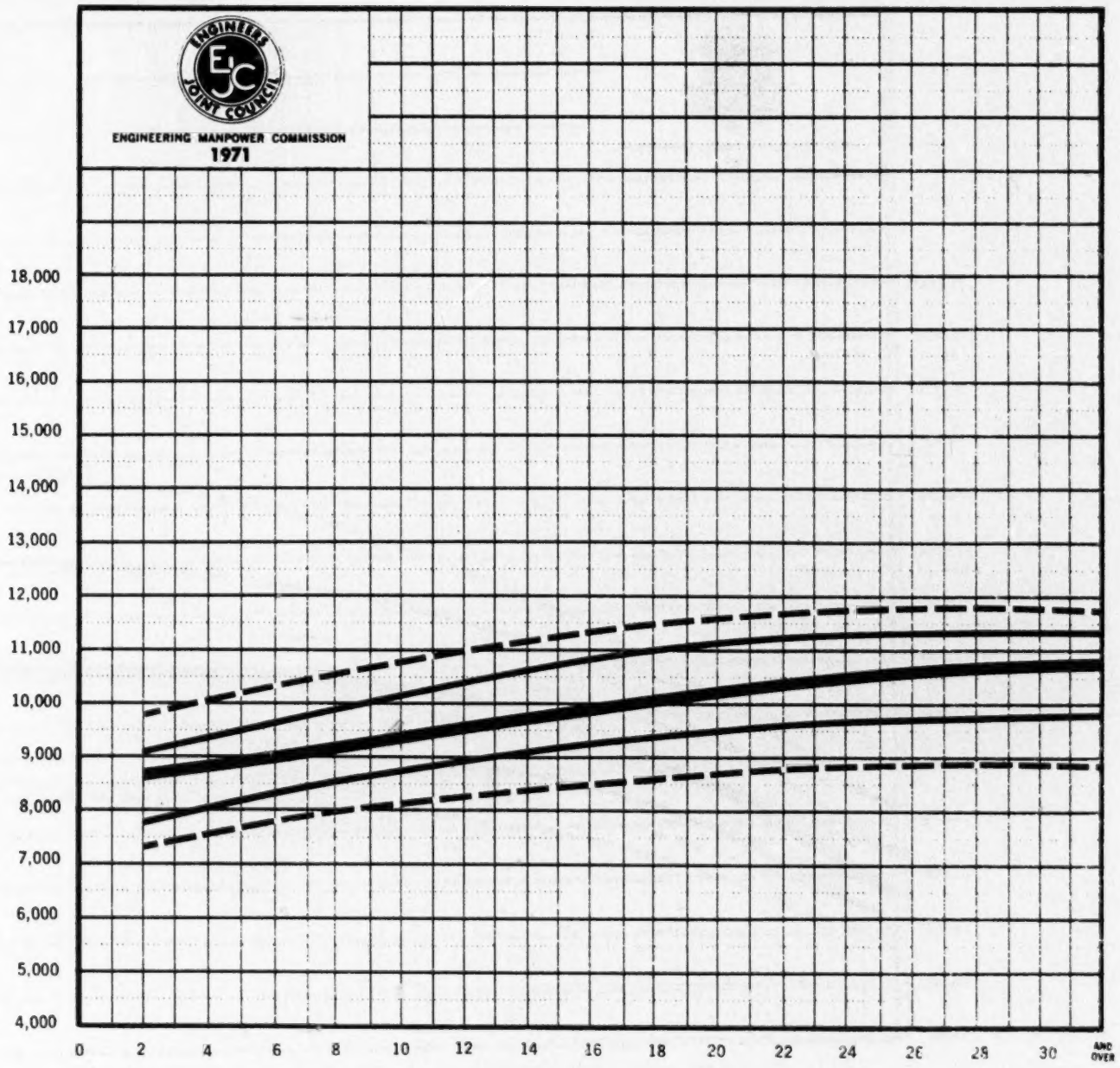
- Upper Decile — — —
- Upper Quartile ——
- Median ▬▬
- Lower Quartile ——
- Lower Decile — — —

Number of Technicians covered —
Unweighted - 4144

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

INSTRUMENT MANUFACTURING
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	9800	9950	10050	10200	10300	10400	10550
UPPER QUARTILE	0	0	9050	9200	9350	9500	9650	9800	9950
MEDIAN	0	0	8550	8650	8750	8850	8950	9100	9200
LOWER QUARTILE	0	0	7800	7950	8050	8150	8300	8400	8500
LOWER DECILE	0	0	7300	7400	7500	7600	7700	7800	7900
MEAN	0	0	8550	8650	8750	8900	9000	9100	9200
TOTAL NUMBER	2	3	15	14	27	21	26	21	30
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10750	11050	11300	11500	11650	11750	11800	11750	11400
UPPER QUARTILE	10200	10550	10850	11050	11250	11350	11350	11350	11100
MEDIAN	9400	9700	9950	10200	10400	10550	10650	10750	10650
LOWER QUARTILE	8750	9000	9250	9450	9600	9700	9750	9800	9700
LOWER DECILE	8050	8300	8500	8650	8800	8850	8900	8850	8700
MEAN	9400	9700	9950	10200	10350	10500	10550	10600	10350
TOTAL NUMBER	94	56	40	49	33	31	35	49	40
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 586

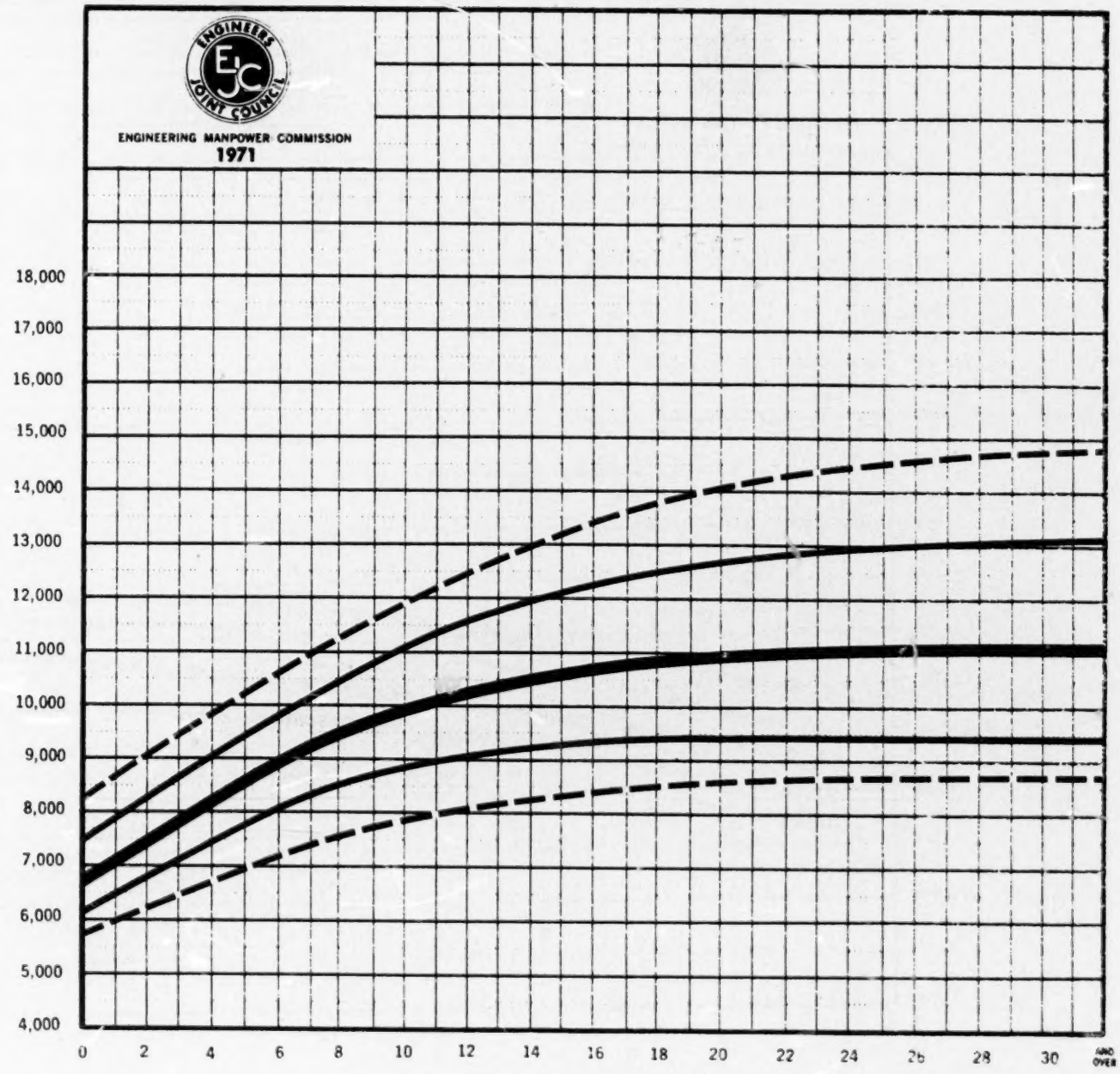
LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

MACHINERY MANUFACTURING
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8350	8750	9100	9500	9900	10250	10650	11000	11350
UPPER QUARTILE	7500	7900	8300	8700	9100	9450	9850	10150	10500
MEDIAN	6800	7250	7650	8050	8400	8700	9000	9300	9550
LOWER QUARTILE	6150	6550	6900	7250	7550	7850	8100	8350	8550
LOWER DECILE	5750	6000	6300	6550	6800	7000	7200	7400	7600
MEAN	6900	7300	7650	8050	8350	8700	9000	9250	9550
TOTAL NUMBER	22	22	40	68	95	83	60	88	95
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11950	12800	13450	13950	14300	14550	14700	14800	14900
UPPER QUARTILE	11050	11750	12250	12600	12850	13000	13050	13150	13150
MEDIAN	9950	10400	10700	10850	11000	11050	11050	11050	11100
LOWER QUARTILE	8850	9200	9350	9400	9450	9450	9450	9450	9450
LOWER DECILE	7900	8200	8450	8550	8650	8650	8700	8700	8700
MEAN	10000	10500	10850	11050	11200	11300	11350	11400	11400
TOTAL NUMBER	142	109	134	98	104	103	70	157	193
NUMBERS OVER $16000	0	0	3	1	5	1	2	9	8
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1683

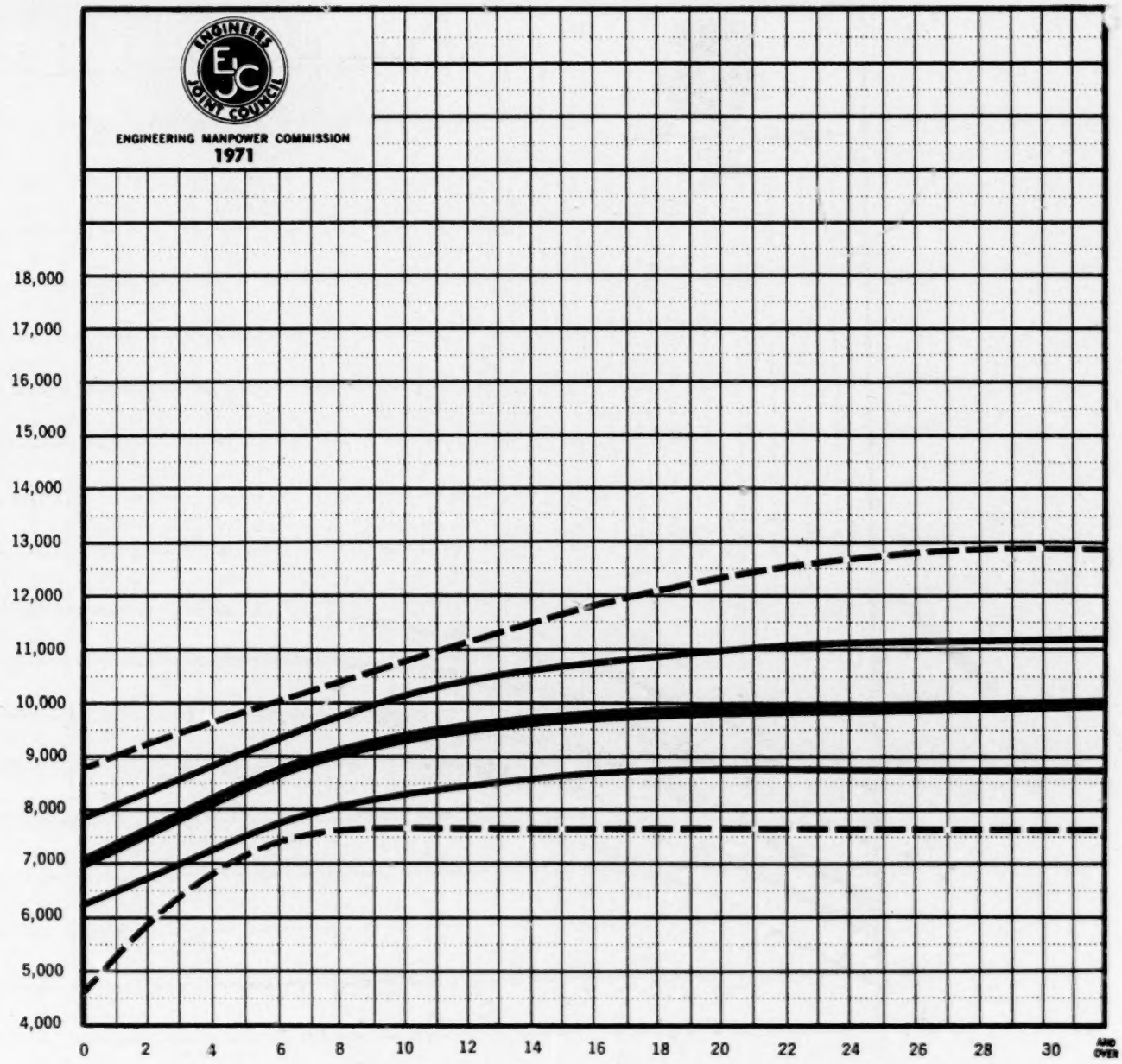
LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

OTHER MANUFACTURED PRODUCTS
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8800	9000	9200	9400	9600	9800	10000	10200	10400
UPPER QUARTILE	7950	8250	8500	8750	9000	9200	9400	9600	9800
MEDIAN	7000	7350	7700	8000	8250	8500	8700	8900	9050
LOWER QUARTILE	6250	6600	6850	7150	7350	7550	7750	7900	8050
LOWER DECILE	4600	5600	6300	6800	7100	7300	7400	7450	7500
MEAN	7200	7500	7750	8000	8200	8450	8650	8800	8950
TOTAL NUMBER	13	21	18	29	52	35	32	37	48
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

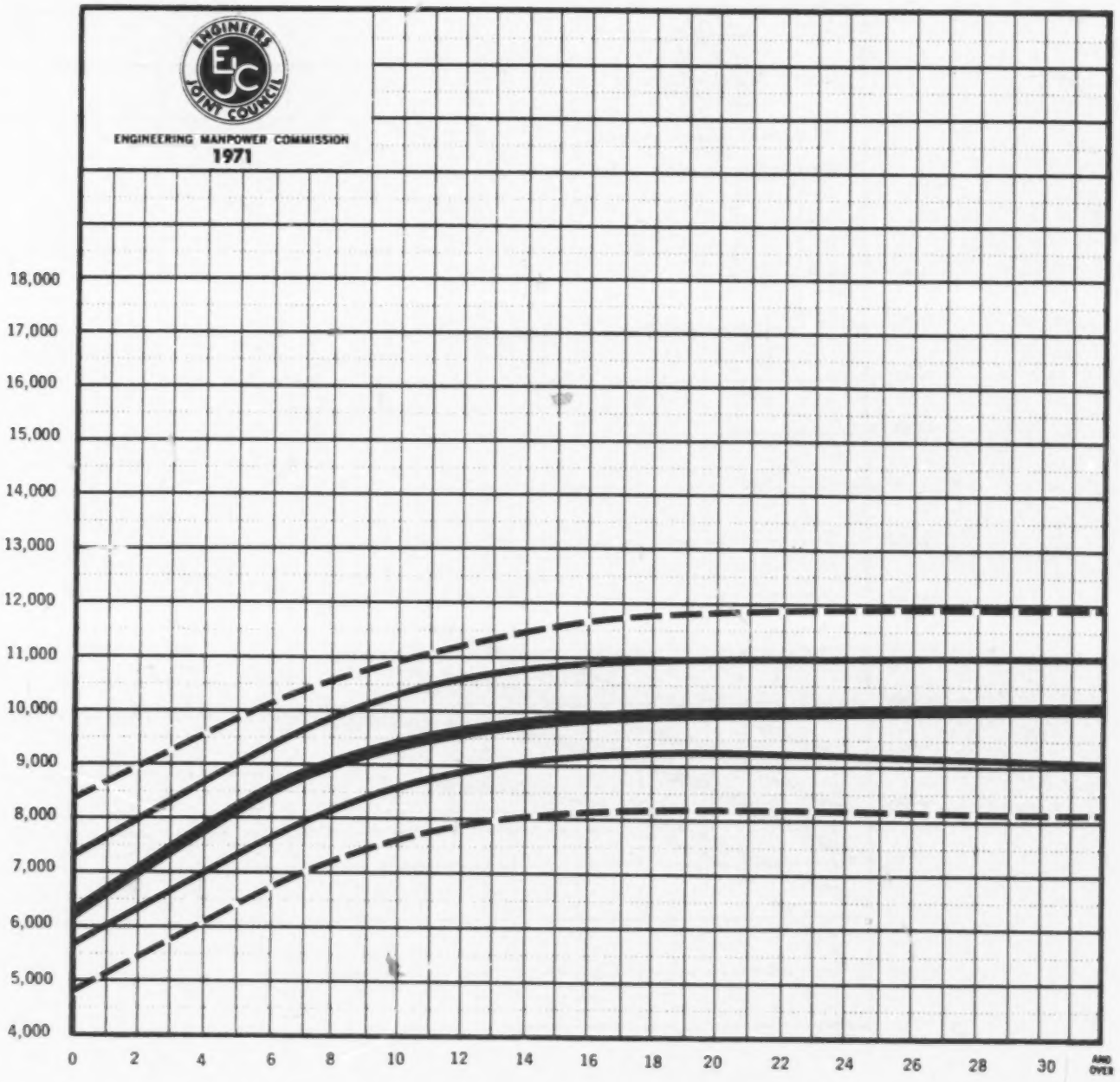
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10750	11300	11800	12250	12550	12800	12900	12850	12200
UPPER QUARTILE	10100	10450	10750	10900	11050	11100	11150	11200	11200
MEDIAN	9350	9600	9750	9850	9950	9950	9950	10000	10000
LOWER QUARTILE	8250	8500	8600	8700	8750	8750	8750	8750	8750
LOWER DECILE	7550	7600	7600	7600	7600	7600	7600	7600	7600
MEAN	9250	9550	9800	9950	10000	10100	10100	10150	10150
TOTAL NUMBER	78	57	36	50	50	46	43	54	67
NUMBERS OVER $16000	0	0	0	1	0	3	0	3	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 758

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

METAL PRODUCTS
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8450	8750	9050	9350	9600	9850	10100	10350	10550
UPPER QUARTILE	7450	7850	8200	8550	8850	9150	9450	9700	9900
MEDIAN	6400	6850	7300	7700	8100	8400	8650	8900	9100
LOWER QUARTILE	5700	6050	6400	6750	7050	7350	7650	7900	8150
LOWER DECILE	4900	5250	5600	5900	6200	6500	6750	7000	7250
MEAN	6650	7000	7350	7650	8000	8300	8550	8800	9050
TOTAL NUMBER	9	23	43	54	54	49	46	51	50
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10900	11350	11650	11800	11900	11950	11950	11950	11950
UPPER QUARTILE	10300	10650	10900	11000	11000	11000	11000	11000	11000
MEDIAN	9400	9700	9900	9950	10000	10050	10050	10050	10050
LOWER QUARTILE	8550	8950	9150	9250	9200	9200	9150	9050	9050
LOWER DECILE	7600	7950	8100	8200	8200	8150	8100	8100	8050
MEAN	9400	9800	10000	10100	10150	10100	10100	10050	10050
TOTAL NUMBER	116	123	88	70	92	72	70	97	86
NUMBERS OVER $16000	0	0	0	1	0	1	0	0	2
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1193

LEGEND

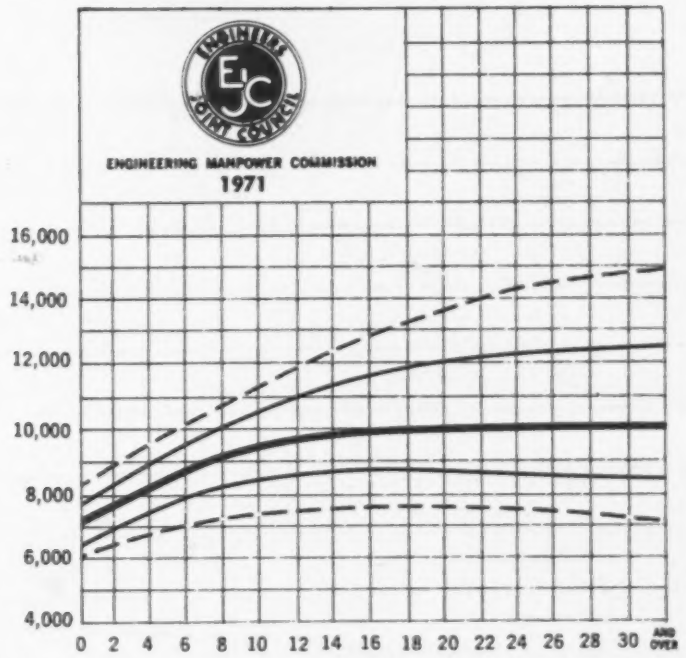
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

METAL PRODUCTS

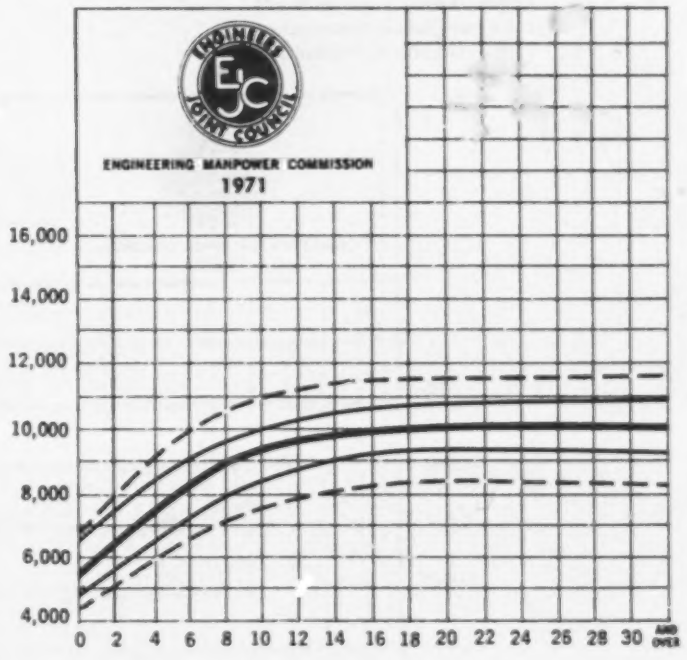
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	8650	8950	9250	9550	9800	10100	10400	10700
UPPER QUARTILE	0	8100	8400	8700	9000	9300	9600	9850	10100
MEDIAN	0	7400	7750	8100	8400	8650	8900	9100	9250
LOWER QUARTILE	0	6700	7000	7300	7550	7800	7950	8150	8300
LOWER DECILE	0	6300	6450	6650	6800	6900	7050	7150	7300
MEAN	0	7450	7750	8000	8300	8550	8750	8950	9150
TOTAL NUMBER	3	15	28	31	29	23	18	14	13
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11250	12050	12750	13350	13850	14300	14600	14900	15200
UPPER QUARTILE	10550	11100	11550	11850	12100	12250	12350	12450	12500
MEDIAN	9550	9800	9950	10000	10000	10050	10050	10050	10050
LOWER QUARTILE	8500	8650	8700	8650	8600	8550	8500	8500	8450
LOWER DECILE	7450	7600	7650	7600	7500	7400	7250	7050	6850
MEAN	9500	9650	10150	10300	10450	10500	10550	10600	10600
TOTAL NUMBER	25	29	17	15	23	11	9	9	7
NUMBERS OVER $16000	0	0	0	1	0	0	0	0	2
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 319

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	6850	7600	8250	8850	9350	9800	10150	10450	10700
UPPER QUARTILE	6500	7050	7600	8100	8500	8900	9250	9500	9750
MEDIAN	5650	6150	6650	7100	7550	7950	8350	8650	8950
LOWER QUARTILE	4950	5400	5900	6200	6600	7000	7400	7700	8050
LOWER DECILE	4450	4850	5250	5600	6000	6350	6650	6950	7250
MEAN	5650	6200	6700	7150	7650	8050	8400	8750	9000
TOTAL NUMBER	6	8	15	23	25	26	28	37	37
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

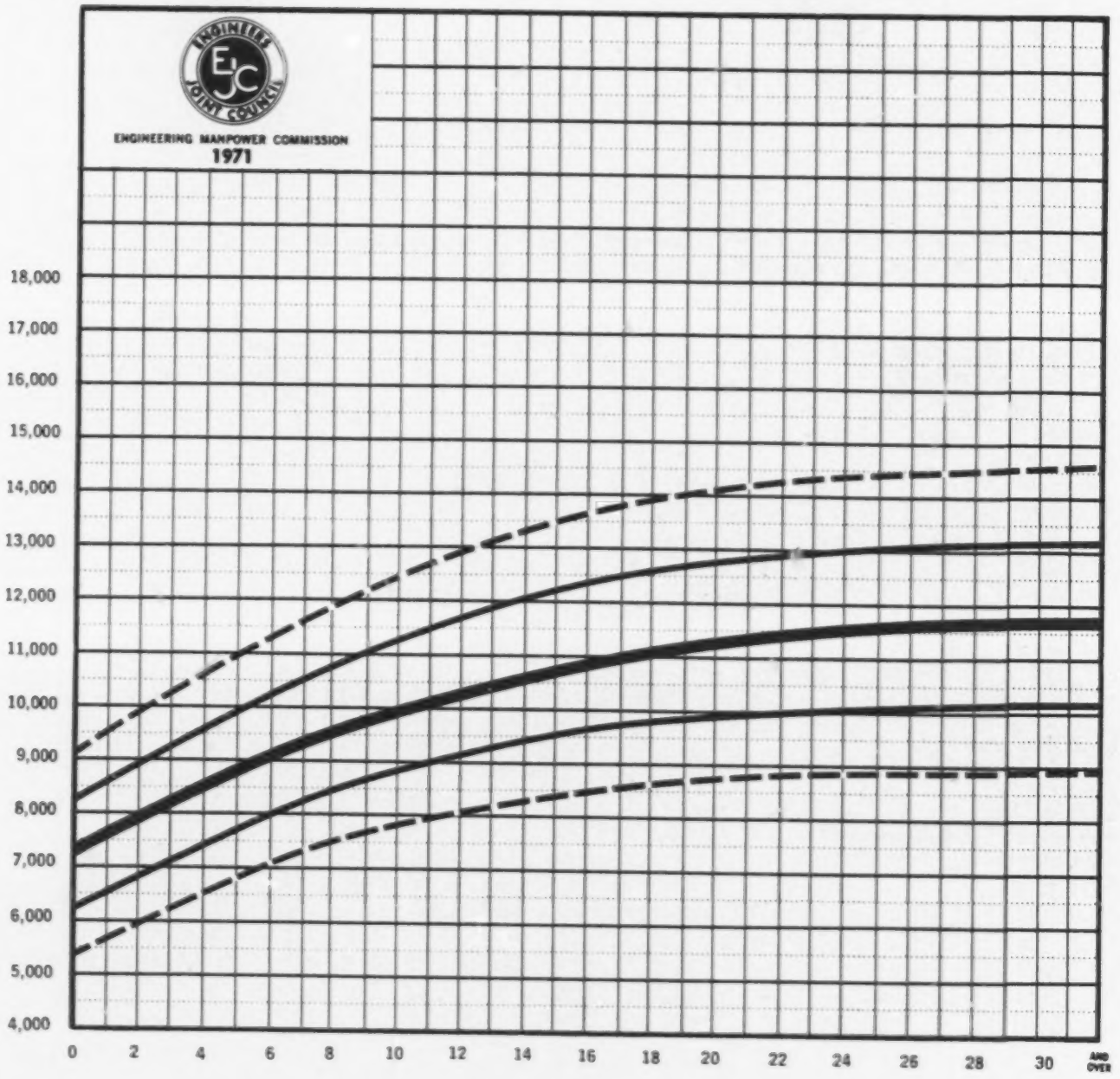
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11050	11350	11500	11550	11600	11600	11600	11600	11600
UPPER QUARTILE	10150	10550	10750	10850	10900	10900	10900	10950	10950
MEDIAN	9400	9800	9950	10050	10050	10000	10000	10000	10000
LOWER QUARTILE	8550	9050	9300	9350	9300	9250	9150	9100	9050
LOWER DECILE	7650	8100	8300	8350	8300	8250	8200	8200	8150
MEAN	9400	9800	9950	10000	10000	10000	10000	10000	10000
TOTAL NUMBER	91	94	71	55	69	61	61	88	79
NUMBERS OVER $16000	0	0	0	0	0	1	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 674

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ALL NONMANUFACTURING INDUSTRIES
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9050	9450	9850	10250	10600	10950	11300	11600	11900
UPPER QUARTILE	8300	8650	9000	9300	9650	9950	10250	10500	10800
MEDIAN	7400	7700	8000	8300	8600	8850	9100	9350	9550
LOWER QUARTILE	6300	6650	6950	7250	7500	7750	8000	8250	8450
LOWER DECILE	5450	5750	6050	6350	6600	6850	7100	7300	7500
MEAN	7350	7650	8000	8300	8600	8900	9150	9400	9650
TOTAL NUMBER	277	422	577	554	680	689	602	634	679
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12450	13100	13600	13950	14250	14400	14500	14600	14650
UPPER QUARTILE	11250	11850	12300	12600	12850	13050	13150	13200	13250
MEDIAN	9950	10450	10850	11150	11400	11500	11600	11700	11700
LOWER QUARTILE	8850	9300	9600	9850	10000	10100	10150	10150	10200
LOWER DECILE	7850	8250	8500	8700	8800	8850	8900	8950	8950
MEAN	10050	10600	11000	11250	11450	11600	11650	11750	11750
TOTAL NUMBER	1592	1476	1347	1189	1085	974	759	975	1849
NUMBERS OVER $16000	2	7	8	12	17	29	24	29	52
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

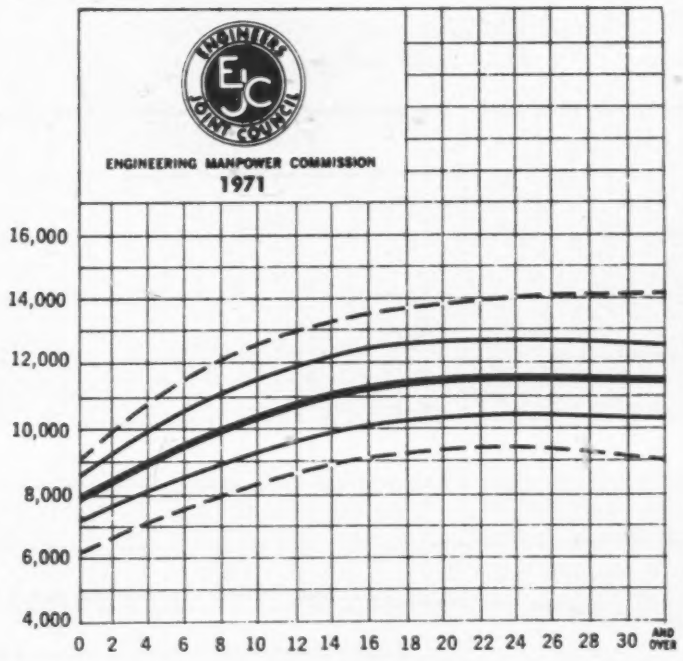
NUMBER OF TECHNICIANS COVERED - 19481

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

ALL NONMANUFACTURING INDUSTRIES

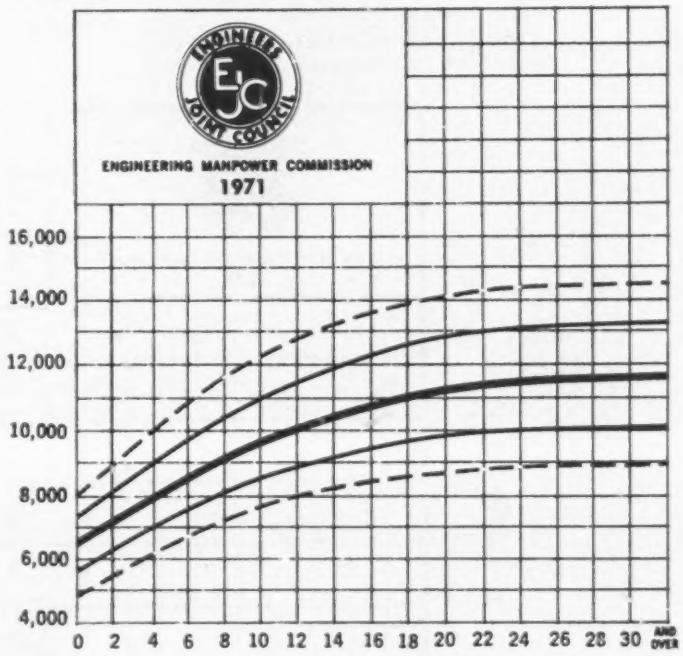
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9150	9650	10100	10550	10950	11300	11650	11950	12250
UPPER QUARTILE	8650	9000	9350	9700	10050	10350	10650	10950	11200
MEDIAN	8000	8300	8550	8800	9100	9350	9550	9800	10050
LOWER QUARTILE	7300	7500	7750	7950	8150	8350	8600	8800	8950
LOWER DECILE	6250	6450	6700	6950	7150	7400	7600	7800	8000
MEAN	7950	8250	8500	8800	9100	9350	9600	9850	10100
TOTAL NUMBER	147	252	373	292	341	277	226	227	241
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12700	13250	13600	13850	14000	14100	14100	14150	14150
UPPER QUARTILE	11650	12200	12500	12650	12700	12700	12600	12500	12400
MEDIAN	10450	10900	11300	11500	11600	11600	11550	11400	11150
LOWER QUARTILE	9350	9800	10150	10400	10500	10500	10450	10300	9900
LOWER DECILE	8400	8850	9150	9350	9400	9350	9200	8950	8500
MEAN	10500	11000	11350	11550	11650	11650	11600	11500	11300
TOTAL NUMBER	538	410	314	263	210	146	101	108	98
NUMBERS OVER $16000	2	4	3	4	3	1	7	4	5
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 4564

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8050	8600	9100	9550	10050	10500	10900	11300	11700
UPPER QUARTILE	7300	7750	8150	8600	9000	9400	9750	10150	10450
MEDIAN	6500	6850	7250	7600	7950	8300	8650	8950	9200
LOWER QUARTILE	5700	6050	6400	6700	7050	7350	7650	7900	8200
LOWER DECILE	4850	5200	5550	5900	6200	6500	6800	7050	7300
MEAN	6500	6950	7300	7700	8100	8450	8750	9050	9350
TOTAL NUMBER	130	170	204	262	339	332	376	407	438
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

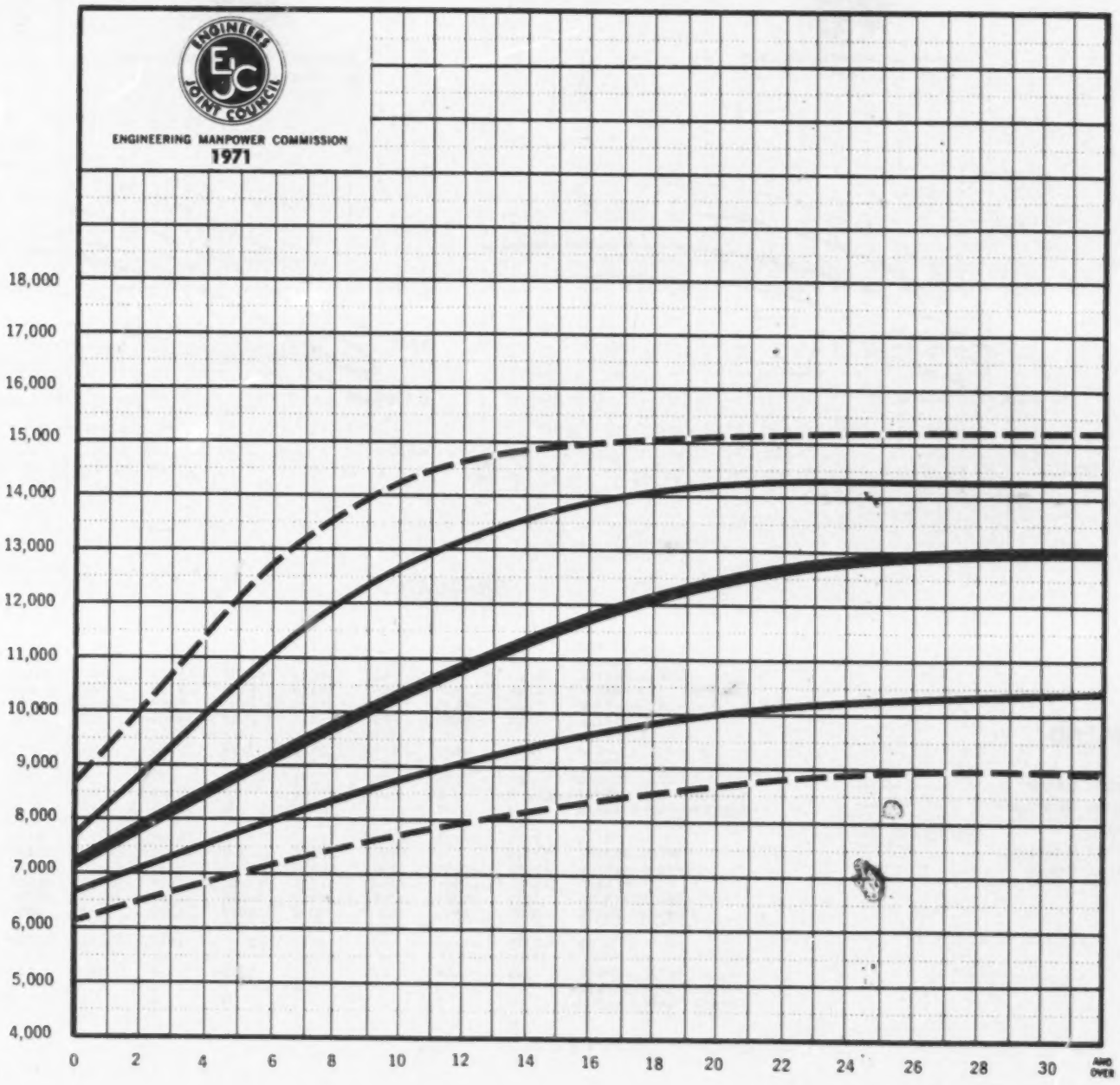
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12350	13100	13650	14000	14250	14400	14500	14550	14600
UPPER QUARTILE	11050	11750	12300	12650	12900	13100	13150	13250	13250
MEDIAN	9750	10350	10800	11150	11350	11500	11600	11650	11650
LOWER QUARTILE	8600	9150	9500	9750	9900	10000	10100	10100	10150
LOWER DECILE	7700	8150	8450	8650	8750	8800	8850	8900	8900
MEAN	9900	10500	10950	11250	11450	11550	11650	11700	11700
TOTAL NUMBER	1054	1066	1033	926	875	828	658	868	951
NUMBERS OVER $16000	0	3	5	8	14	28	17	25	47
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 10917

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

CONSTRUCTION AND MINING
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8800	9650	10450	11150	11850	12400	12900	13350	13700
UPPER QUARTILE	7800	8400	8950	9550	10100	10600	11100	11550	12000
MEDIAN	7200	7550	7850	8150	8500	8800	9100	9450	9750
LOWER QUARTILE	6700	6900	7150	7350	7550	7800	8000	8200	8400
LOWER DECILE	6280	6350	6500	6650	6800	6950	7100	7250	7400
MEAN	7600	7950	8300	8600	8950	9250	9600	9900	10150
TOTAL NUMBER	14	21	25	23	41	34	31	38	53
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14250	14750	15000	15150	15200	15250	15250	15250	15250
UPPER QUARTILE	12700	13500	13950	14200	14300	14300	14300	14300	14300
MEDIAN	10350	11150	11800	12350	12700	12900	13000	13000	12850
LOWER QUARTILE	8750	9250	9600	9900	10150	10300	10400	10450	10500
LOWER DECILE	7700	8100	8400	8700	8850	8950	9000	8900	8550
MEAN	10650	11300	11750	12100	12250	12350	12400	12400	12400
TOTAL NUMBER	116	118	120	117	97	99	81	128	136
NUMBERS OVER $16000	2	1	3	3	4	4	1	8	4
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1292

LEGEND

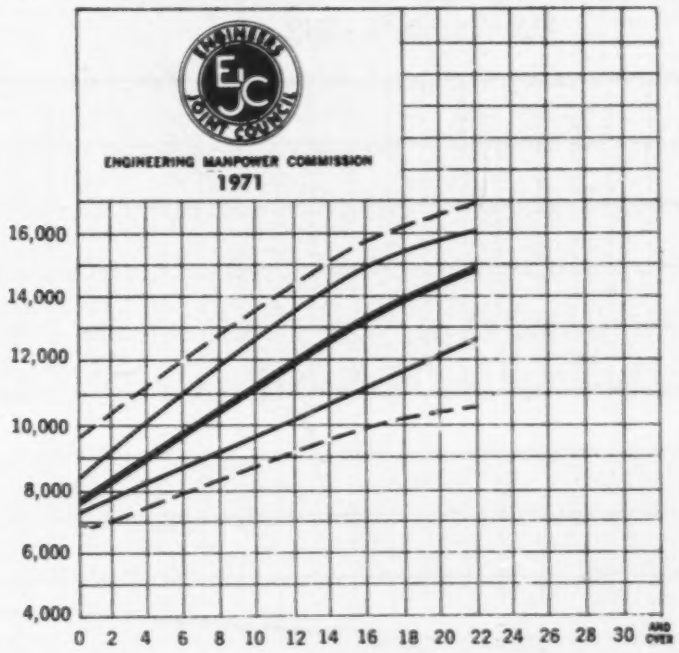
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22

CONSTRUCTION AND MINING

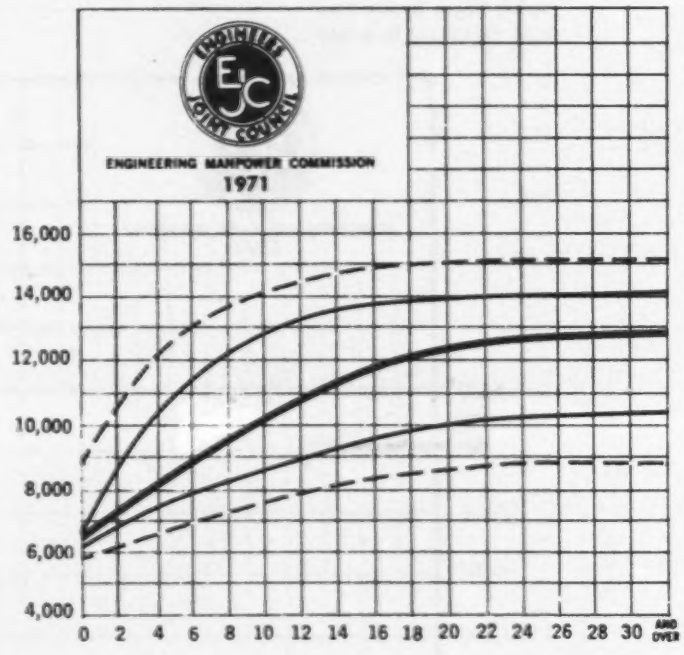
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9650	10000	10400	10800	11150	11550	11950	12400	12800
UPPER QUARTILE	8300	8700	9150	9550	10000	10450	10950	11400	11850
MEDIAN	7650	7950	8300	8650	9000	9350	9700	10100	10500
LOWER QUARTILE	7300	7500	7700	7950	8150	8400	8600	8850	9100
LOWER DECILE	6600	6850	7050	7250	7450	7700	7900	8100	8350
MEAN	7950	8200	8500	8800	9150	9450	9750	10100	10450
TOTAL NUMBER	9	15	13	6	13	10	10	7	13
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13600	14750	15800	16500	16900	0	0	15300	0
UPPER QUARTILE	12750	14000	15000	15650	16000	0	0	15100	0
MEDIAN	11250	12350	13350	14200	14750	0	0	14700	0
LOWER QUARTILE	9600	10350	11150	11900	12600	0	0	14050	0
LOWER DECILE	8750	9350	9900	10300	10550	0	0	10050	0
MEAN	11100	12100	13050	13850	14350	0	0	13900	0
TOTAL NUMBER	22	10	7	13	9	2	4	5	4
NUMBERS OVER $16000	2	0	1	1	0	0	0	2	2
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 172

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8800	9750	10600	11350	12000	12550	13050	13450	13800
UPPER QUARTILE	6650	7550	8450	9300	10100	10800	11400	11900	12350
MEDIAN	6500	6850	7250	7650	8050	8450	8800	9200	9550
LOWER QUARTILE	6150	6400	6700	6950	7200	7450	7700	7950	8200
LOWER DECILE	5900	6050	6250	6400	6600	6750	6950	7100	7300
MEAN	6950	7400	7900	8300	8750	9100	9500	9850	10150
TOTAL NUMBER	9	6	12	17	28	24	21	31	40
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

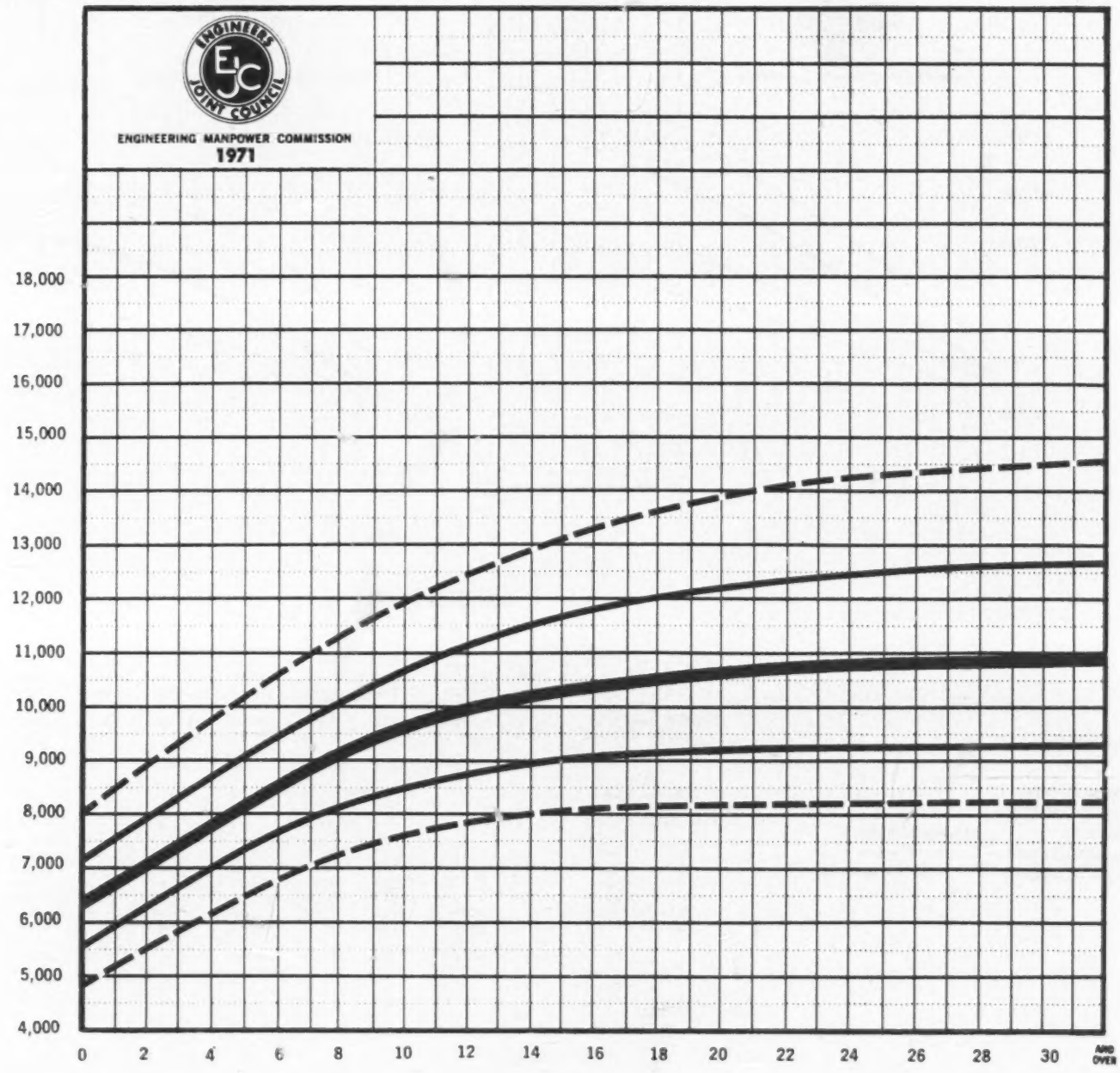
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	14250	14700	14900	15000	15050	15100	15100	15100	15100
UPPER QUARTILE	12950	13550	13800	13950	14000	14050	14050	14050	14050
MEDIAN	10250	11100	11800	12250	12550	12700	12800	12850	12850
LOWER QUARTILE	8600	9150	9550	9850	10050	10200	10300	10400	10450
LOWER DECILE	7600	8000	8350	8650	8800	8900	8900	8800	8550
MEAN	10650	11250	11700	11950	12100	12200	12250	12300	12300
TOTAL NUMBER	94	108	113	104	88	97	77	123	132
NUMBERS OVER $16000	0	1	2	2	4	4	1	6	2
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1128

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Sal y by Equivalent
Years Since Graduation
from Technical Institute*

ENGINEERING AND CONSULTING FIRMS
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8000	8450	8900	9350	9750	10200	10550	10950	11300
UPPER QUARTILE	7150	7600	8000	8400	8800	9150	9500	9850	10150
MEDIAN	6450	6850	7250	7600	7950	8300	8600	8850	9100
LOWER QUARTILE	5600	6050	6400	6750	7100	7400	7700	7900	8150
LOWER DECILE	4850	5250	5600	5950	6250	6550	6800	7050	7250
MEAN	6500	6900	7250	7650	8000	8350	8650	8950	9200
TOTAL NUMBER	125	156	194	177	214	206	207	200	233
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11950	12750	13350	13800	14100	14350	14450	14550	14600
UPPER QUARTILE	10700	11350	11850	12200	12400	12550	12650	12700	12700
MEDIAN	9550	10050	10400	10600	10750	10800	10850	10900	10900
LOWER QUARTILE	8500	8850	9050	9200	9250	9300	9300	9350	9350
LOWER DECILE	7550	7900	8050	8150	8200	8250	8250	8250	8250
MEAN	9650	10200	10550	10800	10950	11050	11100	11100	11100
TOTAL NUMBER	513	432	388	288	226	224	156	189	268
NUMBERS OVER $16000	0	3	3	3	3	5	8	6	5
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 4396

LEGEND

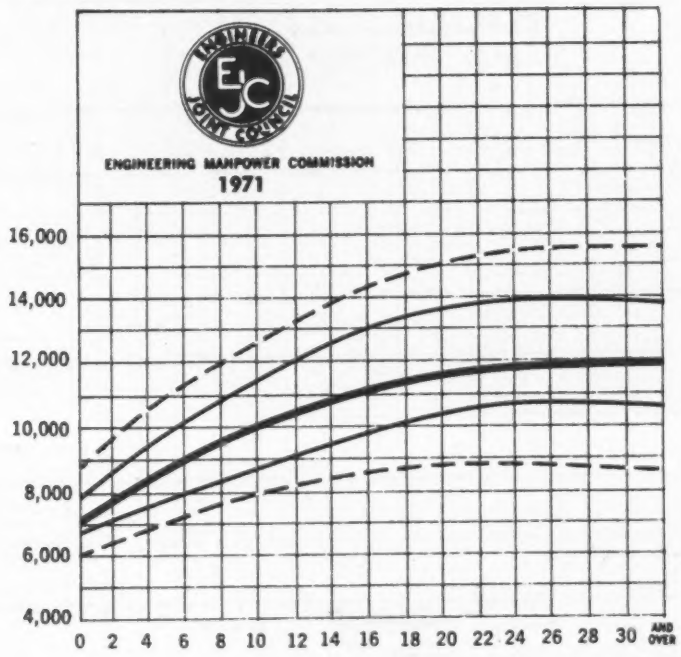
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

ENGINEERING AND CONSULTING FIRMS

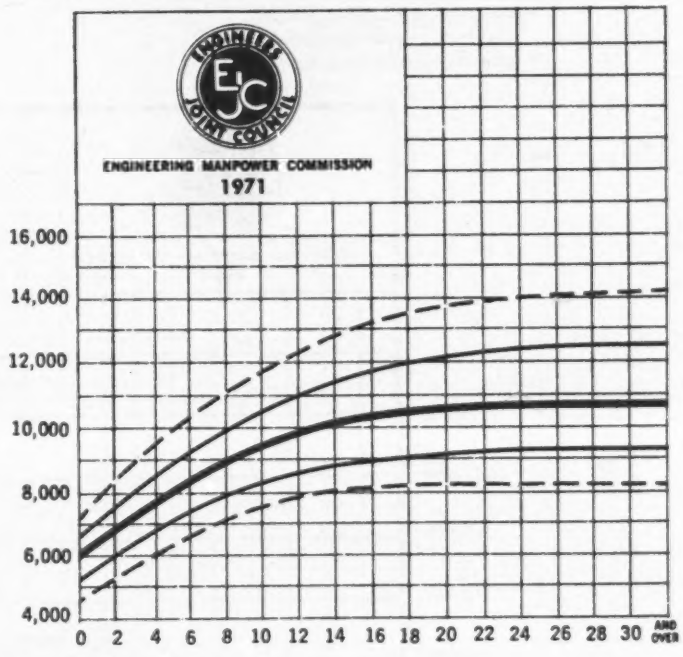
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile — — —
- Upper Quartile ——
- Median ▬▬
- Lower Quartile ——
- Lower Decile — — —

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8800	9200	9600	10000	10400	10800	11200	11600	11950
UPPER QUARTILE	7850	8200	8600	8950	9350	9750	10100	10500	10850
MEDIAN	7150	7500	7800	8150	8450	8750	9050	9350	9600
LOWER QUARTILE	6750	6950	7150	7350	7550	7750	7950	8150	8350
LOWER DECILE	6100	6300	6550	6750	6950	7150	7350	7500	7700
MEAN	7350	7650	7950	8250	8550	8850	9150	9450	9700
TOTAL NUMBER	49	59	97	54	63	70	49	41	64
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12650	13600	14350	14900	15250	15500	15550	15550	15500
UPPER QUARTILE	11500	12400	13100	13550	13800	13950	13950	13850	13700
MEDIAN	10100	10650	11100	11400	11600	11700	11800	11850	11900
LOWER QUARTILE	8800	9350	9850	10300	10550	10700	10700	10500	9650
LOWER DECILE	7950	8300	8550	8700	8750	8750	8700	8650	8550
MEAN	10250	10900	11400	11800	12000	12100	12100	12050	11850
TOTAL NUMBER	108	73	52	37	45	36	24	24	23
NUMBERS OVER $16000	0	3	2	1	2	1	5	2	3
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 968

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7100	7650	8200	8750	9250	9750	10250	10650	11100
UPPER QUARTILE	6600	7100	7550	8000	8450	8850	9250	9600	9950
MEDIAN	5950	6400	6850	7300	7700	8050	8400	8700	9000
LOWER QUARTILE	5250	5650	6100	6500	6850	7200	7500	7800	8000
LOWER DECILE	4450	4850	5200	5550	5900	6250	6550	6850	7100
MEAN	5900	6350	6800	7250	7700	8050	8450	8750	9050
TOTAL NUMBER	76	97	97	123	151	136	158	159	169
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

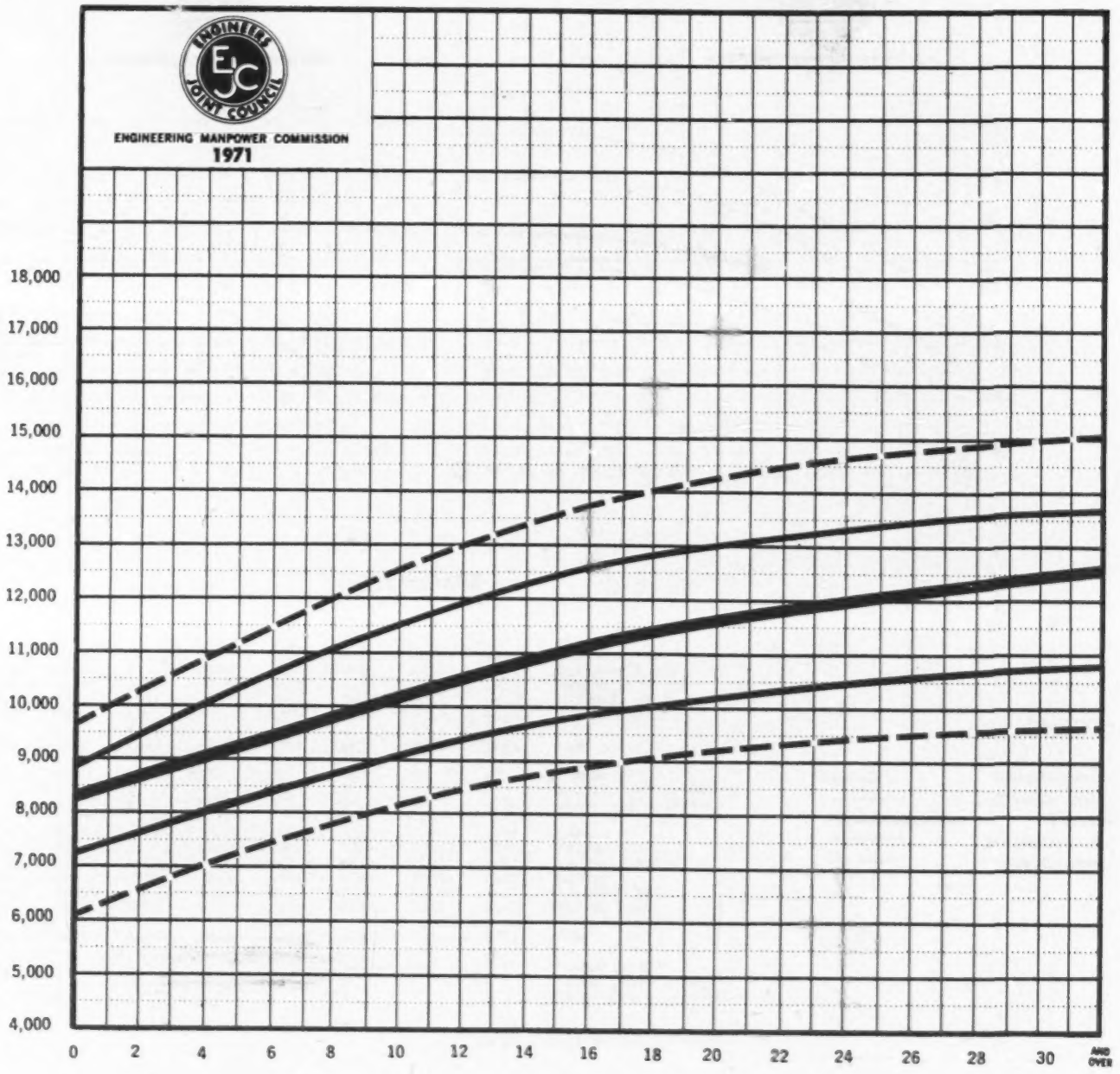
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11800	12650	13200	13600	13850	14000	14050	14100	14150
UPPER QUARTILE	10500	11200	11700	12000	12200	12350	12400	12450	12450
MEDIAN	9450	9950	10250	10450	10600	10650	10700	10700	10700
LOWER QUARTILE	8400	8750	8950	9100	9150	9200	9200	9200	9250
LOWER DECILE	7500	7900	8100	8200	8200	8200	8150	8150	8100
MEAN	9550	10100	10450	10650	10750	10800	10850	10900	10900
TOTAL NUMBER	485	359	336	251	181	188	132	165	245
NUMBERS OVER $16000	0	0	1	2	1	4	3	4	2
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3428

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ELECTRIC UTILITIES
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9600	9900	10250	10600	10900	11200	11500	11800	12050
UPPER QUARTILE	8900	9200	9500	9800	10050	10350	10600	10850	11050
MEDIAN	8300	8500	8700	8900	9050	9250	9450	9650	9850
LOWER QUARTILE	7300	7500	7700	7850	8050	8250	8400	8600	8750
LOWER DECILE	6050	6300	6550	6800	7000	7250	7450	7650	7850
MEAN	8050	8300	8550	8800	9050	9250	9500	9700	9900
TOTAL NUMBER	126	206	276	275	294	269	235	251	237
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

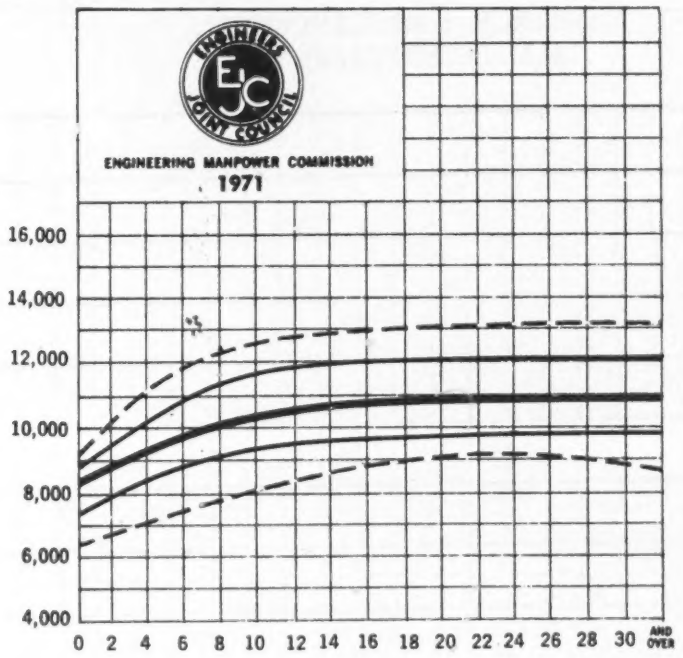
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12600	13250	13750	14200	14500	14750	14900	15050	15100
UPPER QUARTILE	11500	12100	12550	12900	13200	13400	13550	13650	13750
MEDIAN	10200	10650	11100	11500	11800	12100	12300	12550	12750
LOWER QUARTILE	9050	9500	9850	10100	10350	10550	10700	10800	10900
LOWER DECILE	8200	8600	8900	9150	9350	9450	9550	9600	9600
MEAN	10300	10800	11250	11600	11850	12050	12200	12350	12450
TOTAL NUMBER	517	455	438	432	419	405	292	382	372
NUMBERS OVER $16000	0	3	1	6	9	16	13	13	36
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 5801

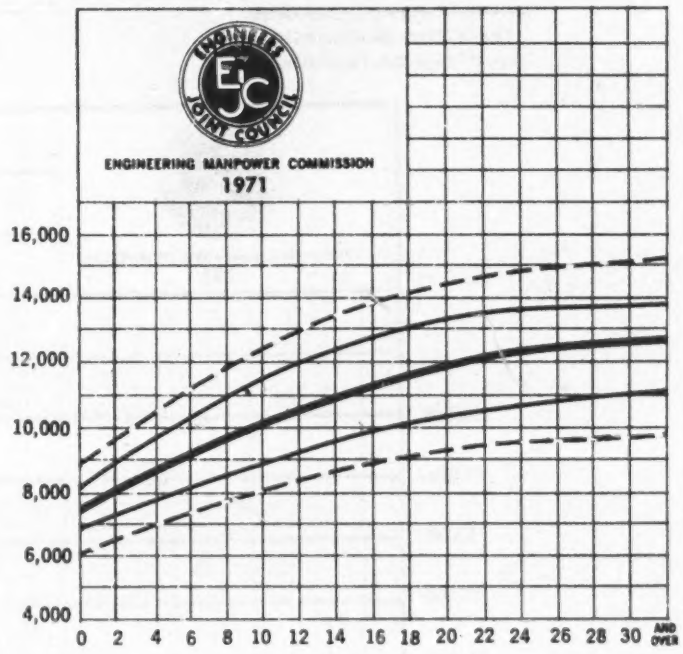
*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

ELECTRIC UTILITIES

Annual Salary by Years Since Graduation from Technical Institute* **GRADUATES**



Annual Salary by Equivalent Years Since Graduation from Technical Institute* **NON-GRADUATES**



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9250	9850	10450	10900	11300	11650	11950	12200	12350
UPPER QUARTILE	8750	9250	9750	10050	10400	10650	10900	11150	11300
MEDIAN	8300	8600	8900	9150	9400	9600	9800	9950	10100
LOWER QUARTILE	7400	7700	8000	8250	8450	8650	8800	8950	9100
LOWER DECILE	6400	6600	6800	6950	7150	7350	7500	7700	7850
MEAN	8050	8400	8750	9100	9350	9600	9800	10000	10150
TOTAL NUMBER	84	147	207	181	193	149	105	112	99
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12650	12850	13000	13050	13100	13100	13100	13100	13100
UPPER QUARTILE	11550	11850	12000	12050	12100	12100	12150	12150	12150
MEDIAN	10300	10550	10700	10800	10850	10900	10900	10950	10950
LOWER QUARTILE	9300	9500	9650	9700	9750	9800	9800	9800	9800
LOWER DECILE	8150	8550	8900	9100	9150	9100	8950	8650	7900
MEAN	10400	10700	10850	10950	11000	11000	11050	11050	11050
TOTAL NUMBER	198	129	101	80	71	52	33	22	32
NUMBERS OVER $16000	0	1	0	2	1	0	2	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1995

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8800	9250	9650	10050	10450	10850	11200	11550	11900
UPPER QUARTILE	8150	8550	8900	9300	9650	10000	10350	10650	10950
MEDIAN	7500	7800	8100	8350	8650	8900	9150	9400	9650
LOWER QUARTILE	6800	7050	7250	7500	7750	7950	8150	8350	8550
LOWER DECILE	6050	6300	6500	6750	6950	7150	7400	7600	7750
MEAN	7500	7800	8100	8400	8700	8950	9250	9500	9750
TOTAL NUMBER	42	59	69	94	101	120	130	139	138
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

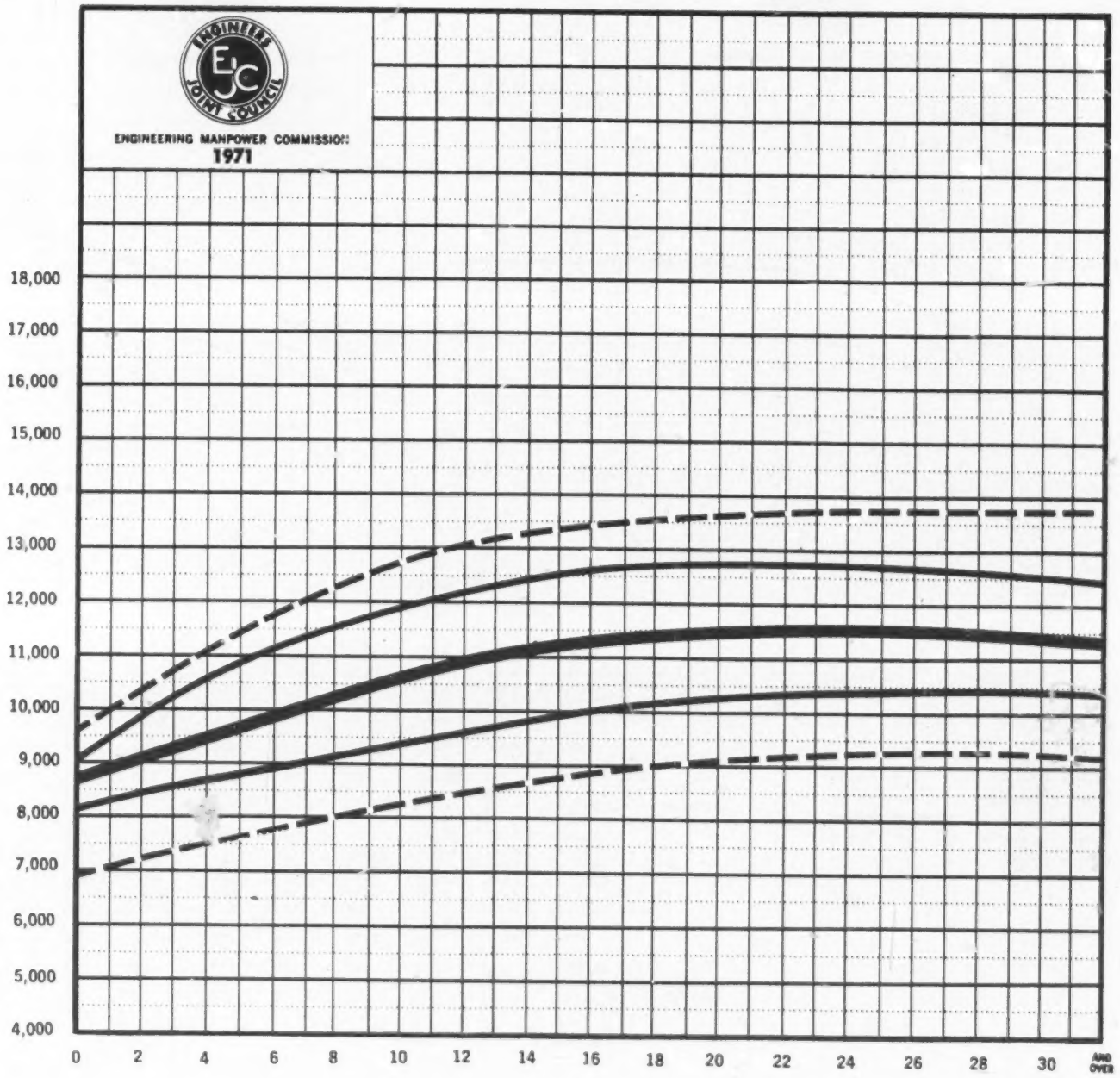
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12500	13300	13850	14300	14650	14850	15000	15100	15150
UPPER QUARTILE	11500	12150	12700	13100	13350	13550	13650	13750	13800
MEDIAN	10150	10750	11250	11700	12050	12300	12450	12650	12750
LOWER QUARTILE	8950	9450	9900	10250	10500	10700	10850	11000	11100
LOWER DECILE	8100	8550	8900	9200	9400	9550	9650	9750	9800
MEAN	10250	10850	11350	11700	12000	12200	12350	12450	12550
TOTAL NUMBER	319	326	337	352	348	353	259	280	340
NUMBERS OVER $16000	0	2	1	4	8	16	11	13	36
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3806

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NONGOVERNMENT RESEARCH & DEVELOPMENT ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9550	9950	10350	10750	11100	11450	11750	12000	12300
UPPER QUARTILE	9000	9350	9650	10000	10300	10600	10900	11150	11400
MEDIAN	8650	8850	9050	9300	9500	9700	9850	10050	10250
LOWER QUARTILE	8100	8250	8350	8500	8650	8800	8900	9050	9150
LOWER DECILE	6950	7100	7200	7350	7500	7600	7750	7900	8000
MEAN	8550	8750	9000	9200	9400	9600	9800	10000	10150
TOTAL NUMBER	12	144	222	226	265	181	178	179	190
NUMBERS OVER $16000	0	0	0	0	0	1	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12700	13200	13450	13650	13700	13750	13750	13750	13750
UPPER QUARTILE	11800	12250	12550	12650	12700	12650	12600	12450	12350
MEDIAN	10550	10950	11250	11450	11500	11500	11450	11250	10900
LOWER QUARTILE	9400	9700	10000	10200	10350	10400	10450	10350	10000
LOWER DECILE	8250	8550	8850	9050	9200	9250	9250	9150	8700
MEAN	10500	10900	11200	11400	11500	11500	11450	11350	11100
TOTAL NUMBER	611	546	468	469	436	315	317	491	406
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 5653

LEGEND

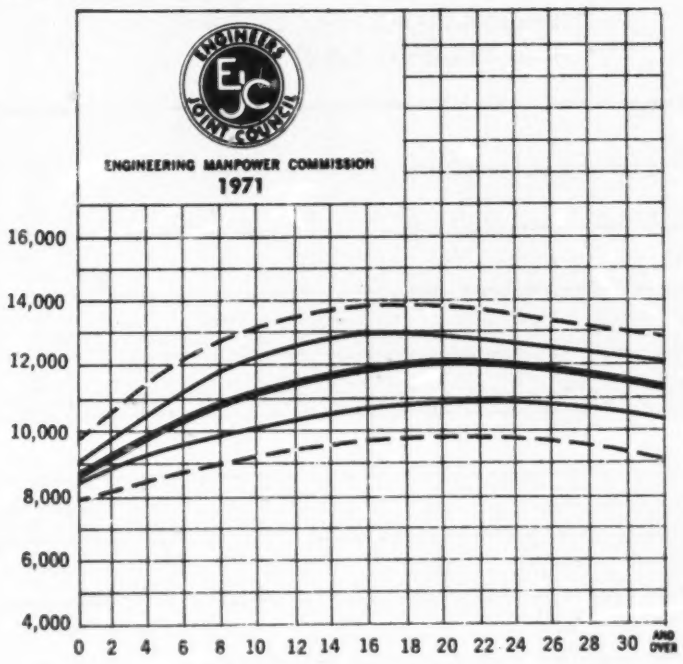
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

NONGOVERNMENT
RESEARCH & DEVELOPMENT

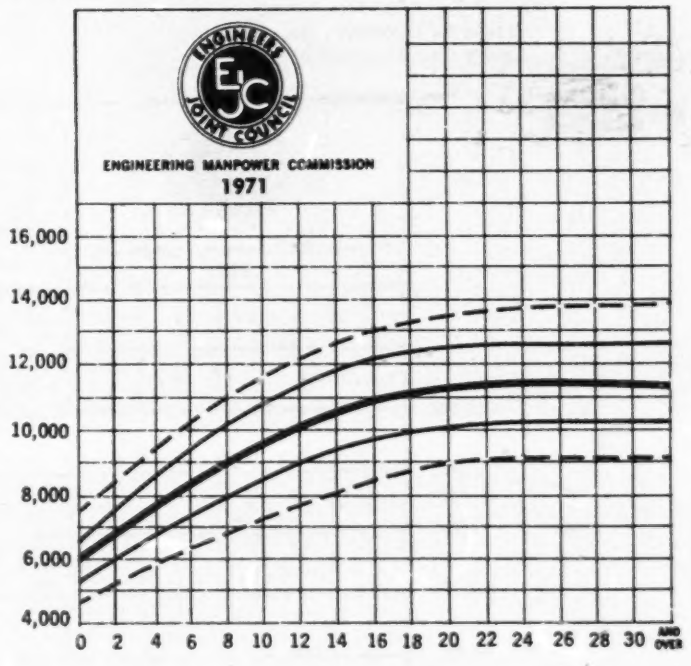
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile — — —
- Upper Quartile ———
- Median ▬▬▬
- Lower Quartile ———
- Lower Decile — — —

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9750	10150	10550	10950	11300	11700	12000	12350	12650
UPPER QUARTILE	9050	9450	9800	10200	10550	10900	11200	11500	11800
MEDIAN	8700	9000	9250	9550	9800	10100	10350	10600	10800
LOWER QUARTILE	8500	8700	8850	9050	9200	9350	9500	9700	9850
LOWER DECILE	7900	8050	8200	8350	8500	8650	8750	8900	9000
MEAN	8800	9100	9350	9600	9900	10150	10350	10600	10800
TOTAL NUMBER	5	133	195	196	219	129	109	97	110
NUMBERS OVER $16000	0	0	0	0	0	1	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13100	13650	13900	13900	13750	13500	13200	12800	12300
UPPER QUARTILE	12250	12750	13000	13000	12900	12650	12400	12100	11700
MEDIAN	11200	11700	11950	12050	12000	11850	11600	11250	10700
LOWER QUARTILE	10100	10500	10750	10900	10950	10900	10700	10300	9250
LOWER DECILE	9250	9500	9700	9750	9750	9650	9400	9000	8050
MEAN	11200	11600	11850	11950	11900	11750	11500	11100	10450
TOTAL NUMBER	356	261	195	183	114	60	40	58	42
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2502

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7550	8000	8500	8950	9400	9800	10250	10650	11000
UPPER QUARTILE	6550	7050	7500	8000	8450	8950	9400	9800	10200
MEDIAN	5950	6350	6750	7150	7500	7900	8300	8650	9000
LOWER QUARTILE	5250	5600	5950	6300	6650	7000	7350	7650	7950
LOWER DECILE	4600	4850	5100	5400	5700	5950	6250	6500	6800
MEAN	6050	6400	6800	7200	7600	7950	8350	8700	9000
TOTAL NUMBER	7	11	27	38	46	52	66	82	80
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

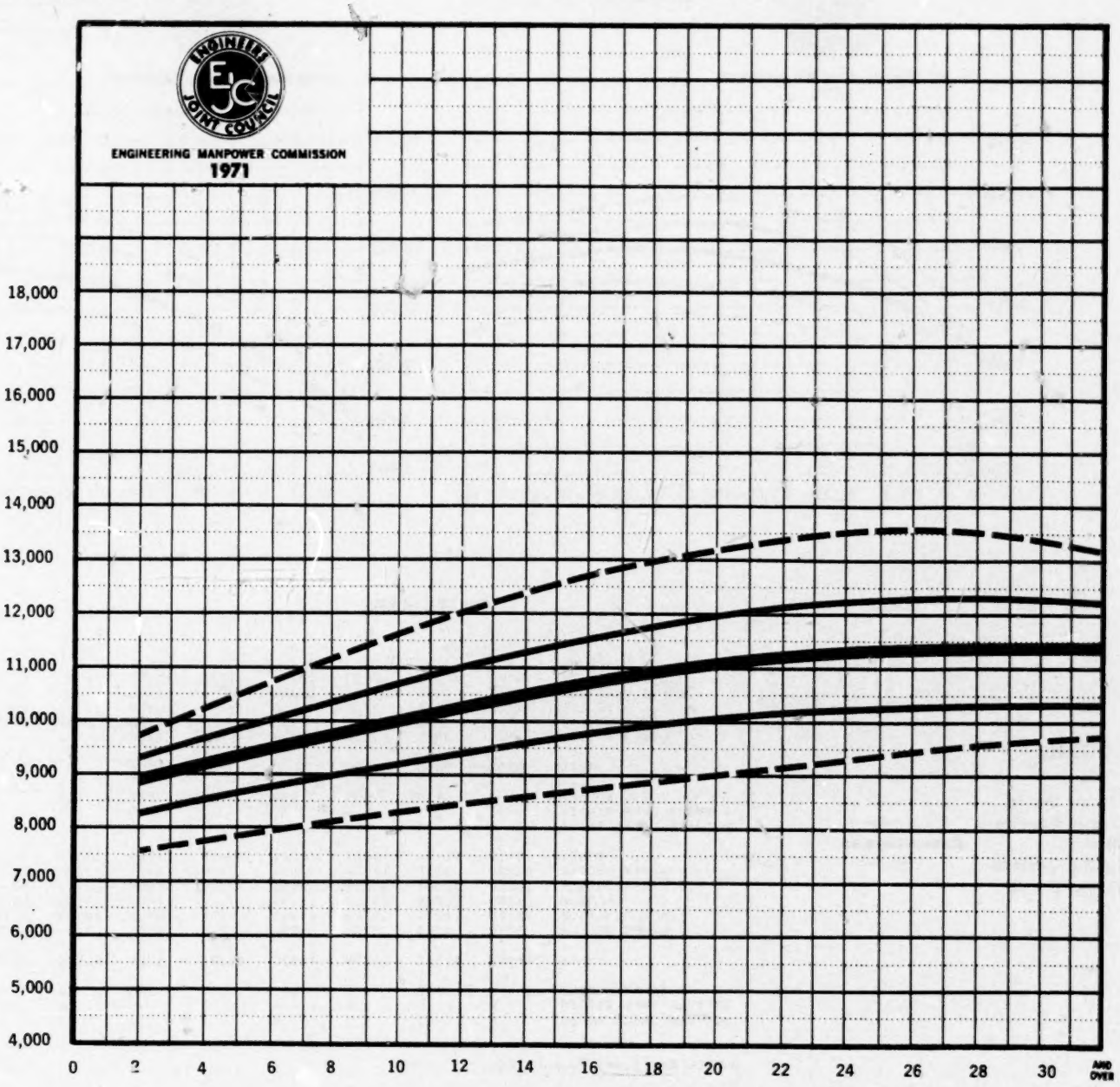
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11700	12500	13050	13450	13650	13750	13800	13850	13850
UPPER QUARTILE	10850	11650	12150	12400	12500	12550	12550	12550	12550
MEDIAN	9650	10400	10900	11200	11300	11300	11250	11150	11100
LOWER QUARTILE	8550	9250	9700	10000	10150	10200	10200	10200	10200
LOWER DECILE	7300	7950	8450	8800	9000	9100	9100	9050	8950
MEAN	9600	10350	10850	11150	11300	11350	11350	11300	11300
TOTAL NUMBER	255	285	273	286	322	255	277	433	364
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 3151

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

COMMUNICATIONS SERVICES
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	9700	9950	10150	10400	10650	10850	11100
UPPER QUARTILE	0	0	9350	9500	9700	9850	10000	10200	10350
MEDIAN	0	0	8950	9050	9200	9350	9500	9600	9750
LOWER QUARTILE	0	0	8300	8400	8550	8650	8750	8900	9000
LOWER DECILE	0	0	7550	7650	7750	7800	7900	8000	8100
MEAN	0	0	8750	8900	9050	9200	9350	9500	9650
TOTAL NUMBER	3	4	13	16	24	16	15	17	23
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11550	12150	12700	13150	13400	13550	13500	13150	12000
UPPER QUARTILE	10650	11100	11500	11850	12100	12250	12300	12200	11650
MEDIAN	10000	10350	10700	10950	11200	11350	11400	11400	11100
LOWER QUARTILE	9200	9500	9800	10000	10200	10300	10350	10350	10050
LOWER DECILE	8250	8500	8750	8950	9150	9350	9550	9700	9950
MEAN	9950	10300	10650	10950	11200	11350	11400	11350	10950
TOTAL NUMBER	24	28	28	22	20	29	22	24	17
NUMBERS OVER $16000	0	0	0	0	1	2	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 345

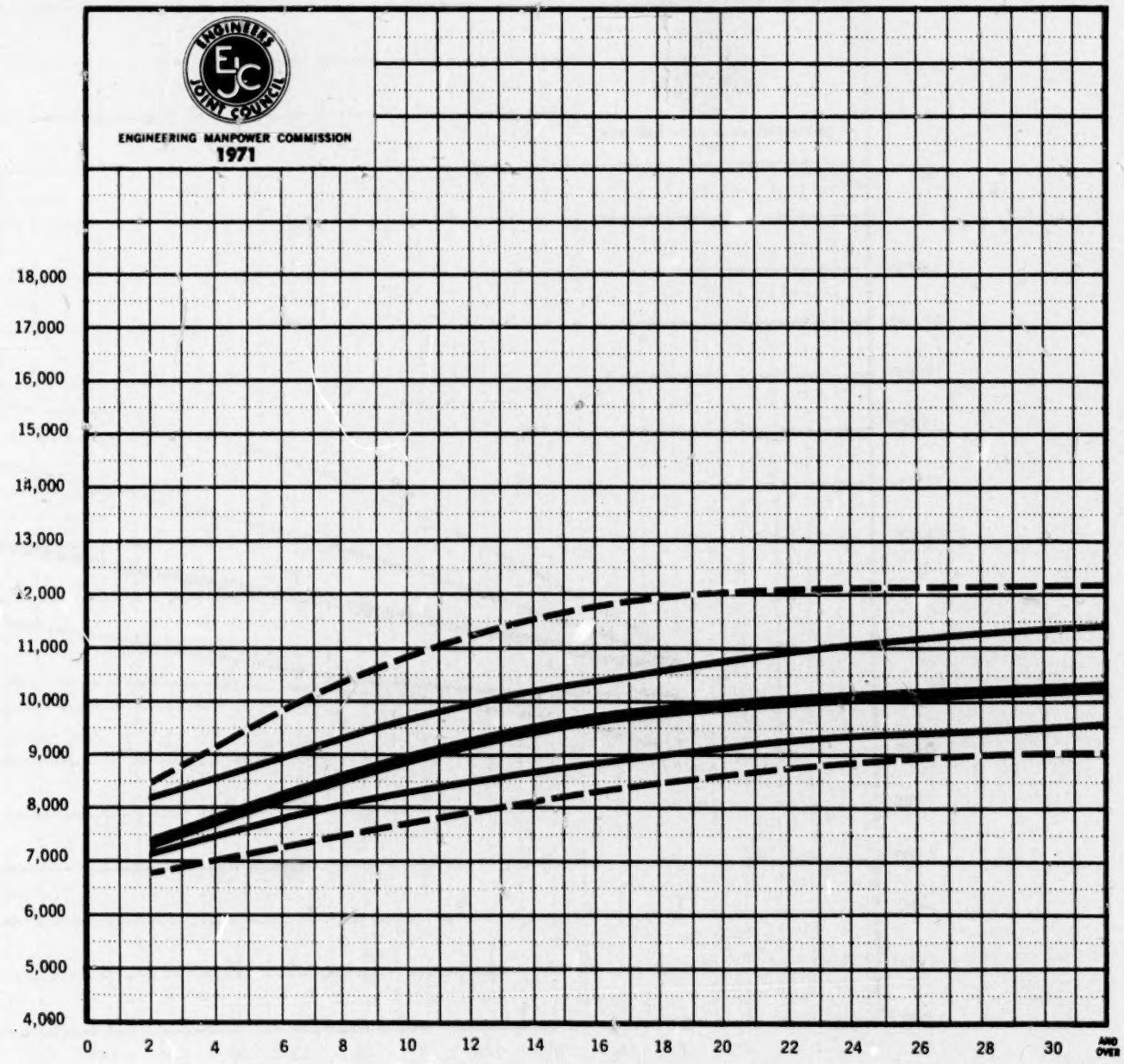
LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

GAS UTILITIES
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	8450	0	9200	9550	9850	10150	10400
UPPER QUARTILE	0	0	8150	0	8550	8700	8900	9050	9200
MEDIAN	0	0	7400	0	7850	8050	8250	8450	8650
LOWER QUARTILE	0	0	7200	0	7500	7650	7750	7900	8050
LOWER DECILE	0	0	6750	0	7000	7100	7200	7350	7450
MEAN	0	0	7600	0	8000	8200	8400	8550	8750
TOTAL NUMBER	0	1	5	3	7	7	7	10	23
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

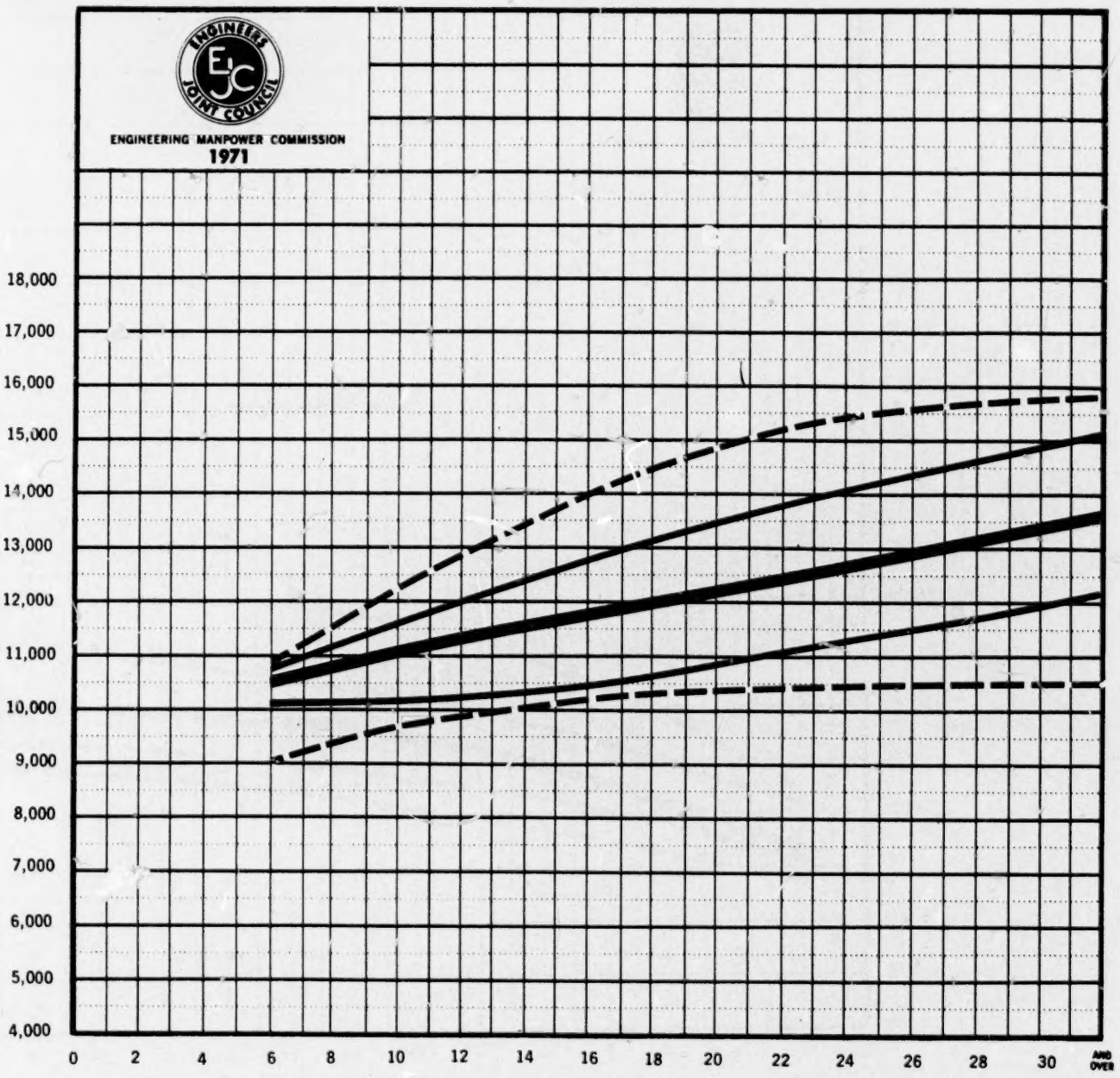
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10850	11350	11700	11900	12050	12150	12150	12200	12200
UPPER QUARTILE	9550	9950	10300	10650	10900	11100	11250	11400	11550
MEDIAN	8950	9350	9650	9850	10000	10150	10200	10250	10300
LOWER QUARTILE	8250	8600	8850	9050	9250	9350	9450	9550	9600
LOWER DECILE	7700	8000	8300	8550	8750	8900	9000	9000	8700
MEAN	9050	9450	9750	10000	10200	10300	10400	10450	10500
TOTAL NUMBER	45	42	28	35	43	29	23	25	33
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 366

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

TRANSPORTATION SERVICES
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	10950	11300	0
UPPER QUARTILE	0	0	0	0	0	0	10700	10900	0
MEDIAN	0	0	0	0	0	0	10550	10650	0
LOWER QUARTILE	0	0	0	0	0	0	10100	10100	0
LOWER DECILE	0	0	0	0	0	0	9000	9200	0
MEAN	0	0	0	0	0	0	10300	10450	0
TOTAL NUMBER	1	2	1	0	4	3	9	8	4
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

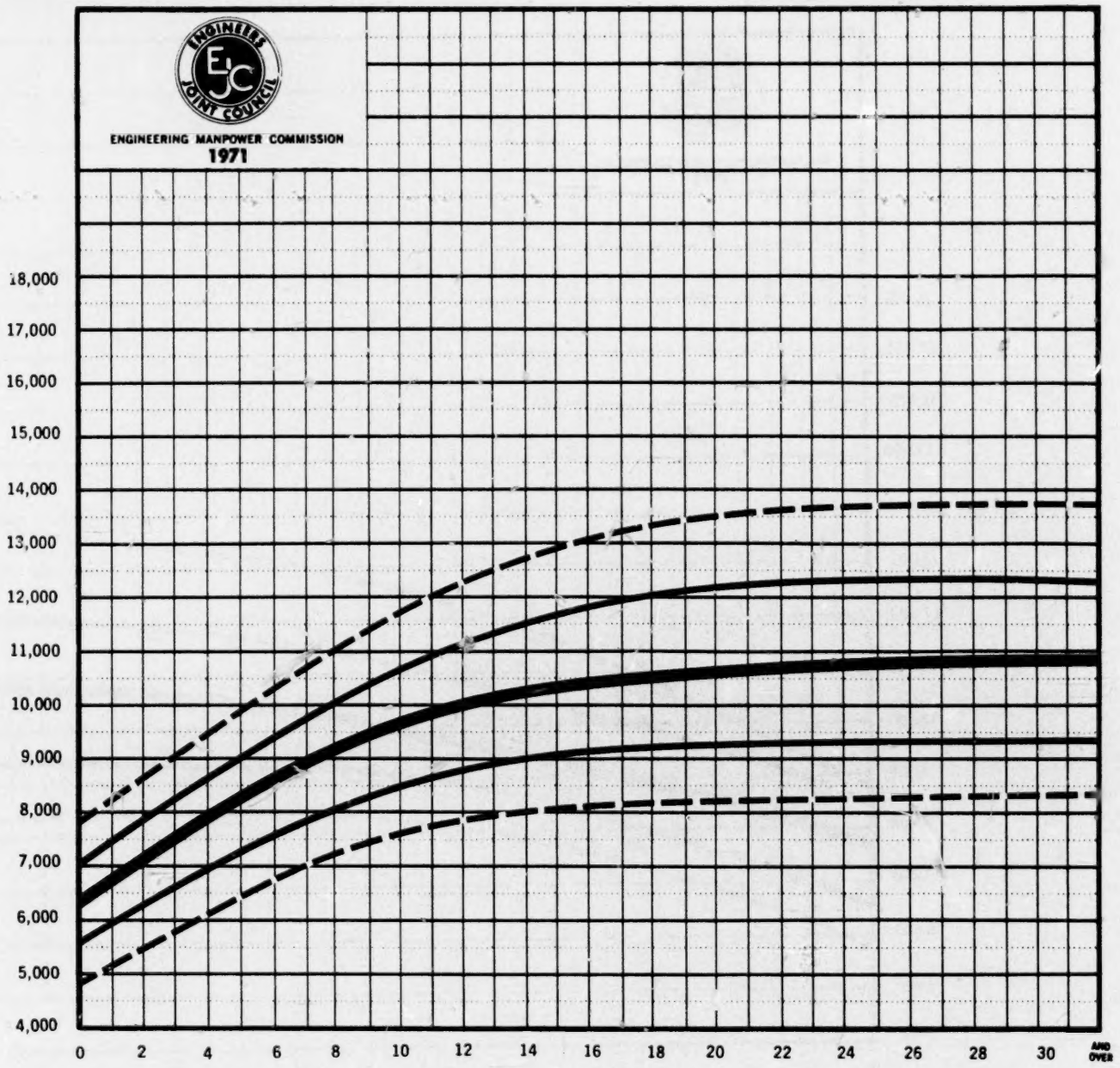
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12300	13200	14000	14650	15150	15450	15650	15800	15800
UPPER QUARTILE	11550	12150	12750	13250	13750	14200	14600	15050	15550
MEDIAN	11050	11400	11750	12100	12450	12800	13150	13550	14200
LOWER QUARTILE	10100	10250	10450	10750	11050	11400	11750	12150	12700
LOWER DECILE	9750	10100	10300	10400	10450	10500	10500	10500	10500
MEAN	10950	11400	11850	12250	12600	12900	13150	13450	13800
TOTAL NUMBER	16	20	29	17	23	26	17	32	23
NUMBERS OVER $16000	0	0	1	0	0	2	2	2	7
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 235

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ALL TECHNICIANS
SMALL INDUSTRIAL ESTABLISHMENTS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7900	8350	8750	9200	9600	10000	10350	10750	11100
UPPER QUARTILE	7050	7500	7900	8300	8700	9050	9450	9800	10100
MEDIAN	6350	6800	7200	7600	7950	8250	8600	8850	9150
LOWER QUARTILE	5650	6050	6400	6750	7100	7400	7650	7900	8100
LOWER DECILE	4950	5300	5650	6000	6300	6600	6850	7050	7250
MEAN	6550	6900	7250	7600	7950	8250	8550	8850	9150
TOTAL NUMBER	143	184	247	284	327	289	289	316	362
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11750	12500	13050	13400	13600	13700	13750	13750	13750
UPPER QUARTILE	10700	11400	11850	12150	12250	12300	12300	12250	12200
MEDIAN	9550	10050	10400	10600	10700	10750	10800	10800	10800
LOWER QUARTILE	8500	8850	9100	9250	9350	9400	9400	9400	9400
LOWER DECILE	7550	7900	8050	8200	8250	8250	8300	8300	8300
MEAN	9600	10200	10550	10750	10850	10900	10900	10900	10850
TOTAL NUMBER	751	651	600	478	448	395	372	450	504
NUMBERS OVER $16000	2	3	7	7	5	7	10	13	9
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 7090

LEGEND

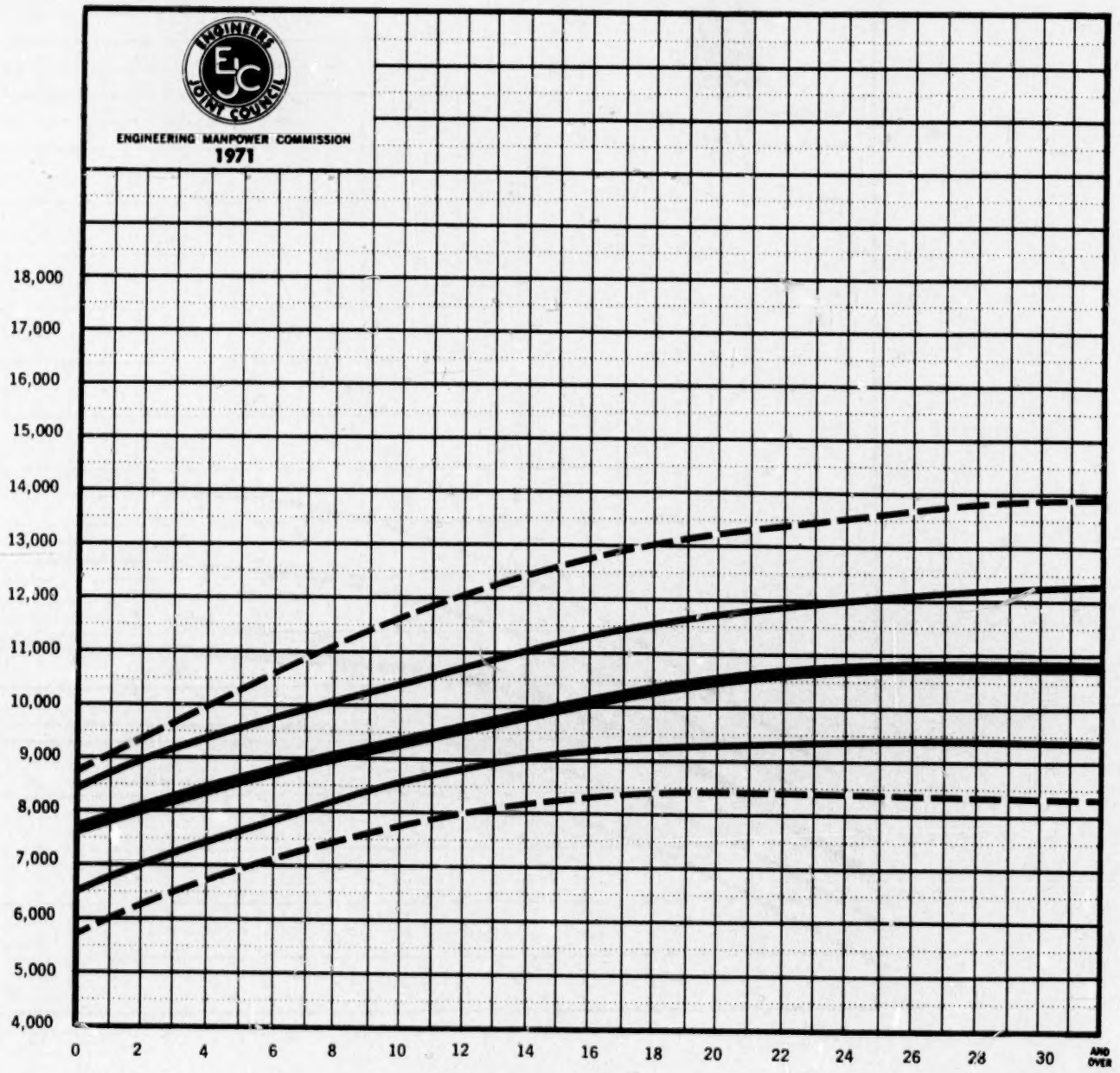
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

03

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ALL TECHNICIANS
MEDIUM INDUSTRIAL ESTABLISHMENTS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8850	9150	9450	9750	10050	10350	10600	10900	11150
UPPER QUARTILE	8450	8650	8850	9050	9250	9500	9700	9850	10050
MEDIAN	7700	7850	8050	8250	8400	8600	8750	8900	9050
LOWER QUARTILE	6550	6800	7000	7250	7450	7650	7850	8050	8250
LOWER DECILE	5750	5950	6200	6450	6650	6850	7050	7250	7450
MEAN	7500	7750	7950	8200	8400	8650	8850	9050	9200
TOTAL NUMBER	75	144	279	312	442	390	384	415	458
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

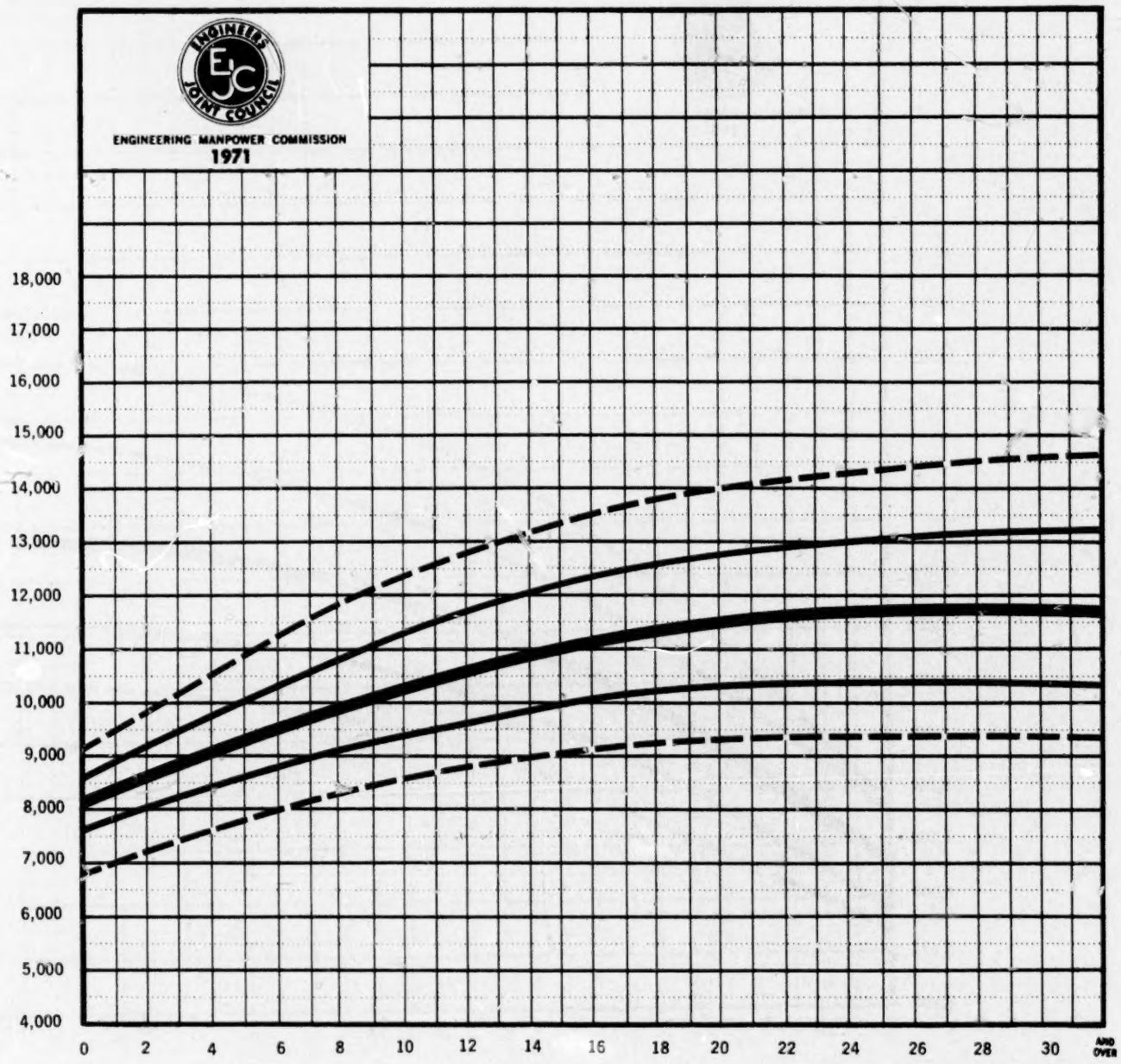
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11650	12250	12750	13150	13450	13650	13800	13900	14000
UPPER QUARTILE	10400	10900	11350	11650	11900	12100	12200	12250	12250
MEDIAN	9350	9750	10100	10350	10550	10650	10700	10700	10650
LOWER QUARTILE	8550	8900	9150	9300	9400	9450	9450	9450	9400
LOWER DECILE	7750	8100	8300	8400	8450	8400	8400	8300	8250
MEAN	9550	10000	10350	10600	10750	10850	10900	10900	10900
TOTAL NUMBER	1069	883	796	762	698	611	444	637	607
NUMBERS OVER $16000	0	3	2	7	9	14	4	9	6
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 9406

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

ALL TECHNICIANS
LARGE INDUSTRIAL ESTABLISHMENTS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	9200	9550	9950	10300	10600	10950	11250	11550	11850
UPPER QUARTILE	8600	8900	9200	9500	9800	10050	10350	10600	10850
MEDIAN	8100	8350	8600	8850	9050	9300	9500	9700	9900
LOWER QUARTILE	7650	7850	8050	8250	8400	8600	8800	8950	9100
LOWER DECILE	6900	7100	7250	7450	7650	7800	8000	8150	8300
MEAN	8100	8350	8600	8850	9100	9350	9550	9800	10000
TOTAL NUMBER	185	517	855	979	1212	1057	906	1059	1173
NUMBERS OVER $16000	0	0	0	3	0	1	0	1	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

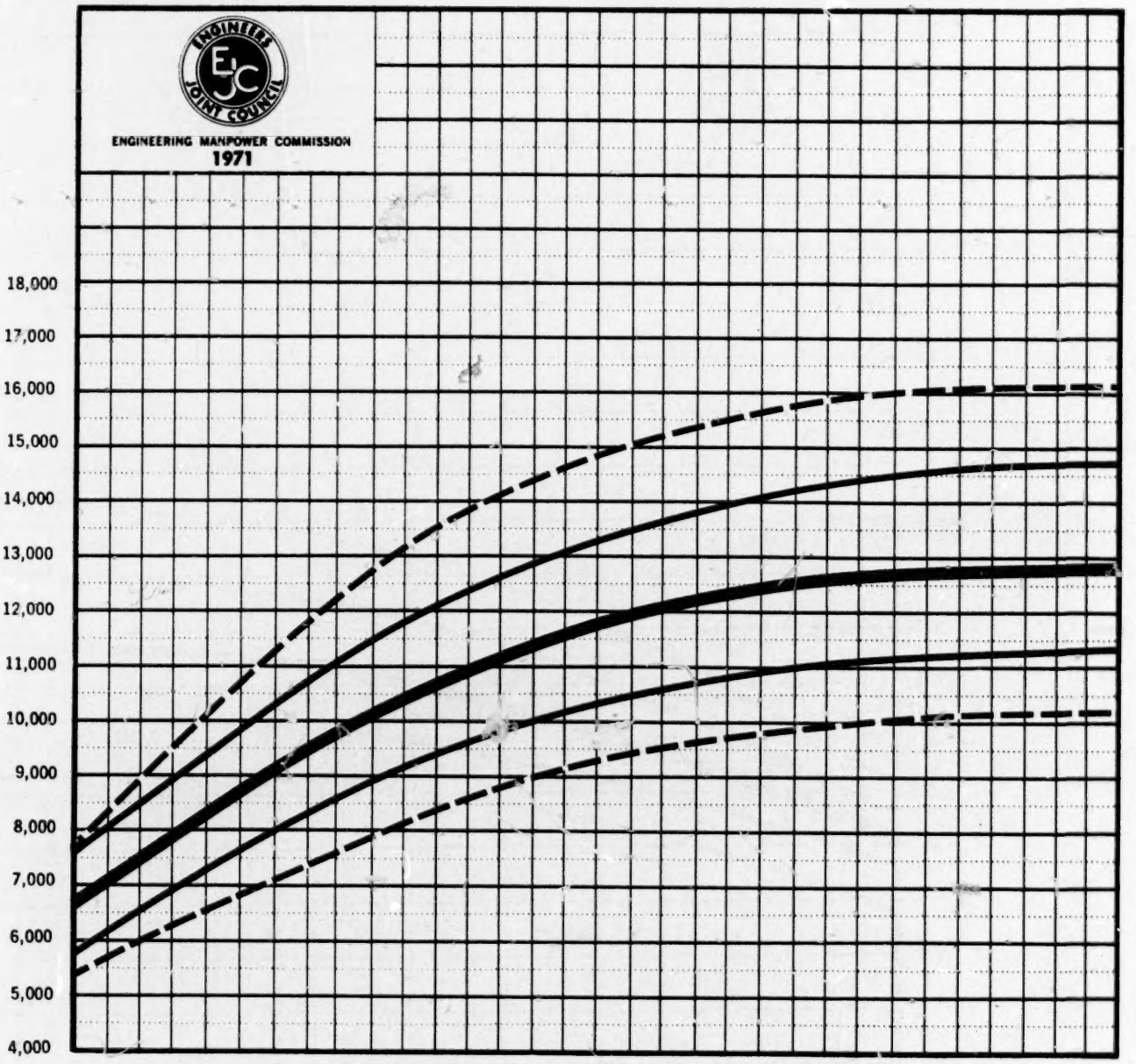
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12350	13000	13500	13850	14150	14350	14500	14600	14650
UPPER QUARTILE	11350	11950	12400	12750	12950	13100	13200	13250	13200
MEDIAN	10300	10800	11150	11400	11600	11650	11700	11650	11550
LOWER QUARTILE	9400	9800	10050	10250	10400	10450	10400	10350	10250
LOWER DECILE	8550	8900	9150	9300	9400	9400	9400	9350	9250
MEAN	10400	10850	11250	11500	11700	11750	11800	11800	11750
TOTAL NUMBER	2967	2577	2297	2146	1800	1537	1398	1698	1526
NUMBERS OVER $16000	0	3	3	4	11	16	17	20	53
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 25889

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

FEDERAL GOVERNMENT
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7700	8300	8950	9550	10150	10700	11250	11750	12250
UPPER QUARTILE	7700	8150	8600	9050	9450	9900	10300	10700	11100
MEDIAN	6600	7000	7450	7900	8300	8700	9100	9500	9850
LOWER QUARTILE	5850	6200	6600	6950	7300	7700	8000	8350	8650
LOWER DECILE	5450	5700	5950	6250	6500	6800	7050	7300	7550
MEAN	6700	7150	7600	8000	8400	8800	9200	9600	9950
TOTAL NUMBER	64	66	119	110	137	147	123	126	163
NUMBERS OVER $16000	0	0	0	0	0	0	1	2	5
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	13100	14150	14900	15400	15750	15900	16050	16100	16100
UPPER QUARTILE	11800	12650	13350	13850	14200	14450	14600	14700	14750
MEDIAN	10450	11250	11800	12200	12500	12650	12750	12850	12850
LOWER QUARTILE	9200	9900	10400	10750	11000	11150	11250	11300	11350
LOWER DECILE	8050	8700	9250	9650	9900	10100	10150	10200	10200
MEAN	10550	11350	11900	12350	12600	12800	12900	13000	13000
TOTAL NUMBER	491	487	514	551	572	668	725	1022	795
NUMBERS OVER $16000	10	27	29	53	59	71	89	153	121
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 6880

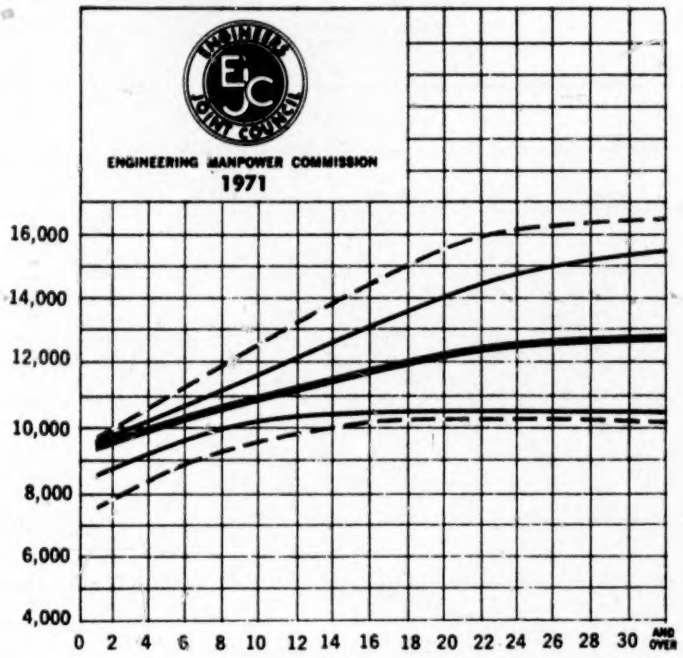
LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

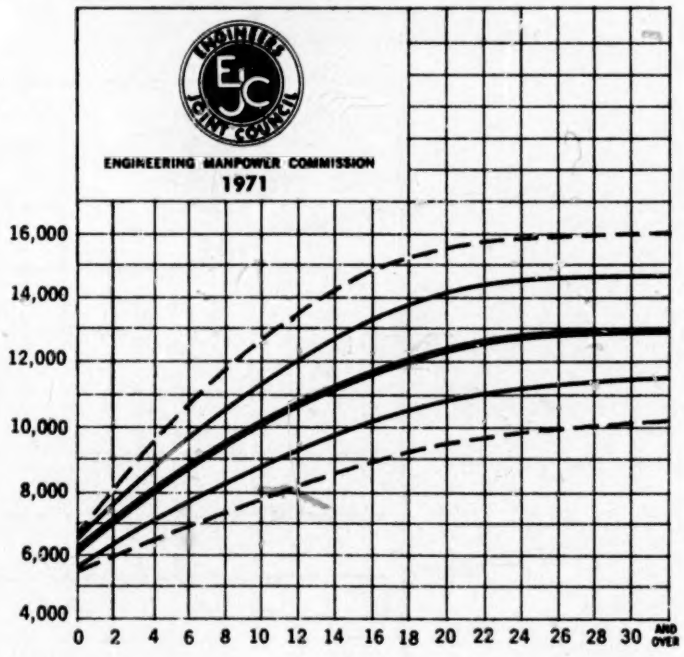
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	9650	9950	10250	10600	10900	11250	11550	11900
UPPER QUARTILE	0	9600	9800	10050	10250	10500	10750	11000	11200
MEDIAN	0	9400	9550	9700	9900	10050	10200	10400	10550
LOWER QUARTILE	0	8500	8850	9150	9400	9600	9750	9900	10000
LOWER DECILE	0	7600	7900	8150	8400	8650	8850	9050	9250
MEAN	0	9200	9400	9550	9750	9950	10150	10350	10550
TOTAL NUMBER	1	17	44	43	57	53	48	41	49
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12550	13500	14400	15200	15800	16250	16500	16500	15850
UPPER QUARTILE	11700	12400	13100	13750	14350	14850	15200	15450	15300
MEDIAN	10850	11300	11700	12050	12350	12550	12650	12650	12250
LOWER QUARTILE	10200	10350	10450	10500	10500	10500	10500	10500	10500
LOWER DECILE	9600	9900	10150	10250	10250	10250	10200	10150	10100
MEAN	10900	11450	11950	12400	12750	13000	13150	13200	12750
TOTAL NUMBER	118	106	119	95	91	80	83	88	210
NUMBERS OVER $16000	0	2	7	18	19	14	14	18	19
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1243

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	6550	7250	7950	8650	9350	10050	10700	11350	11900
UPPER QUARTILE	6500	7000	7550	8100	8600	9100	9650	10100	10600
MEDIAN	6100	6500	6900	7300	7750	8150	8550	8950	9350
LOWER QUARTILE	5650	6000	6300	6650	7000	7300	7650	7950	8250
LOWER DECILE	5400	5600	5850	6100	6350	6600	6850	7050	7300
MEAN	6100	6550	7000	7450	7850	8300	8750	9150	9550
TOTAL NUMBER	63	49	75	67	80	94	75	85	114
NUMBERS OVER $16000	0	0	1	0	0	0	1	2	4
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

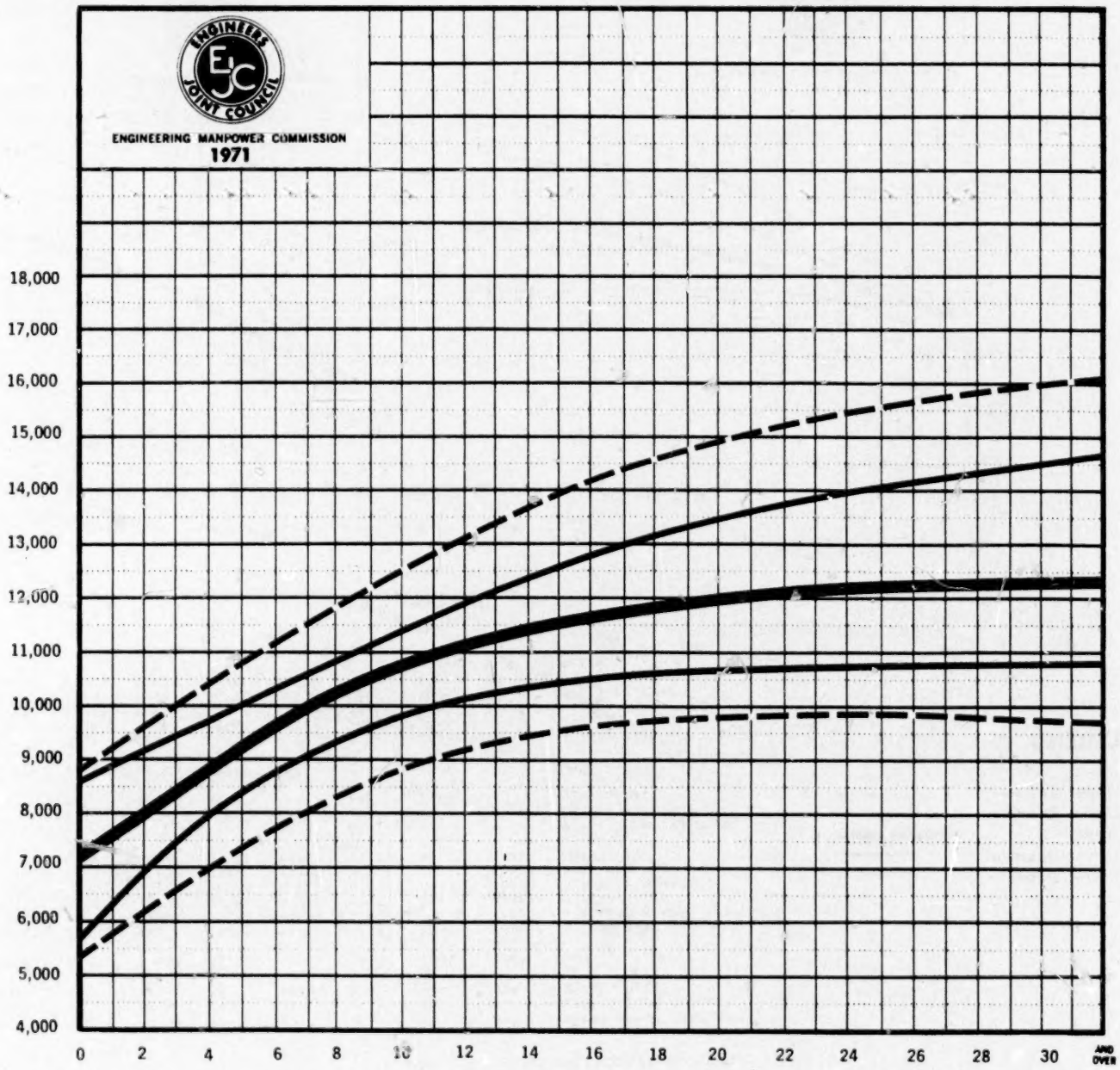
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12950	14100	14900	15450	15750	15900	16000	16050	16050
UPPER QUARTILE	11450	12500	13300	13850	14200	14450	14600	14700	14750
MEDIAN	10050	10950	11600	12100	12450	12700	12850	12950	13000
LOWER QUARTILE	8850	9600	10250	10700	11000	11250	11400	11500	11550
LOWER DECILE	7750	8400	8950	9350	9700	9950	10100	10200	10250
MEAN	10250	11150	11800	12300	12600	12800	12950	13000	13050
TOTAL NUMBER	373	381	395	456	481	588	642	934	685
NUMBERS OVER $16000	18	25	22	43	40	57	75	139	100
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 5637

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

FEDERAL RESEARCH & DEVELOPMENT
ALL TECHNICIANS



ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8800	9200	9600	10000	10350	10750	11100	11500	11850
UPPER QUARTILE	8650	8950	9250	9550	9800	10100	10350	10650	10900
MEDIAN	7250	7700	8150	8550	8950	9300	9650	10000	10300
LOWER QUARTILE	5700	6300	6950	7500	8000	8450	8850	9200	9500
LOWER DECILE	5450	5850	6250	6650	7050	7400	7750	8050	8350
MEAN	7300	7700	8100	8500	8850	9200	9550	9850	10150
TOTAL NUMBER	8	15	12	17	42	46	37	37	64
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12500	13400	14150	14750	15200	15650	15850	16050	16150
UPPER QUARTILE	11400	12150	12750	13300	13750	14100	14400	14650	14900
MEDIAN	10800	11350	11700	11950	12100	12200	12250	12300	12300
LOWER QUARTILE	9900	10300	10500	10600	10650	10700	10700	10700	10700
LOWER DECILE	8850	9350	9600	9750	9800	9800	9750	9750	9750
MEAN	10650	11300	11750	12100	12350	12500	12550	12650	12650
TOTAL NUMBER	202	151	167	163	215	241	284	357	243
NUMBERS OVER $16000	0	1	4	9	13	21	28	56	34
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2301

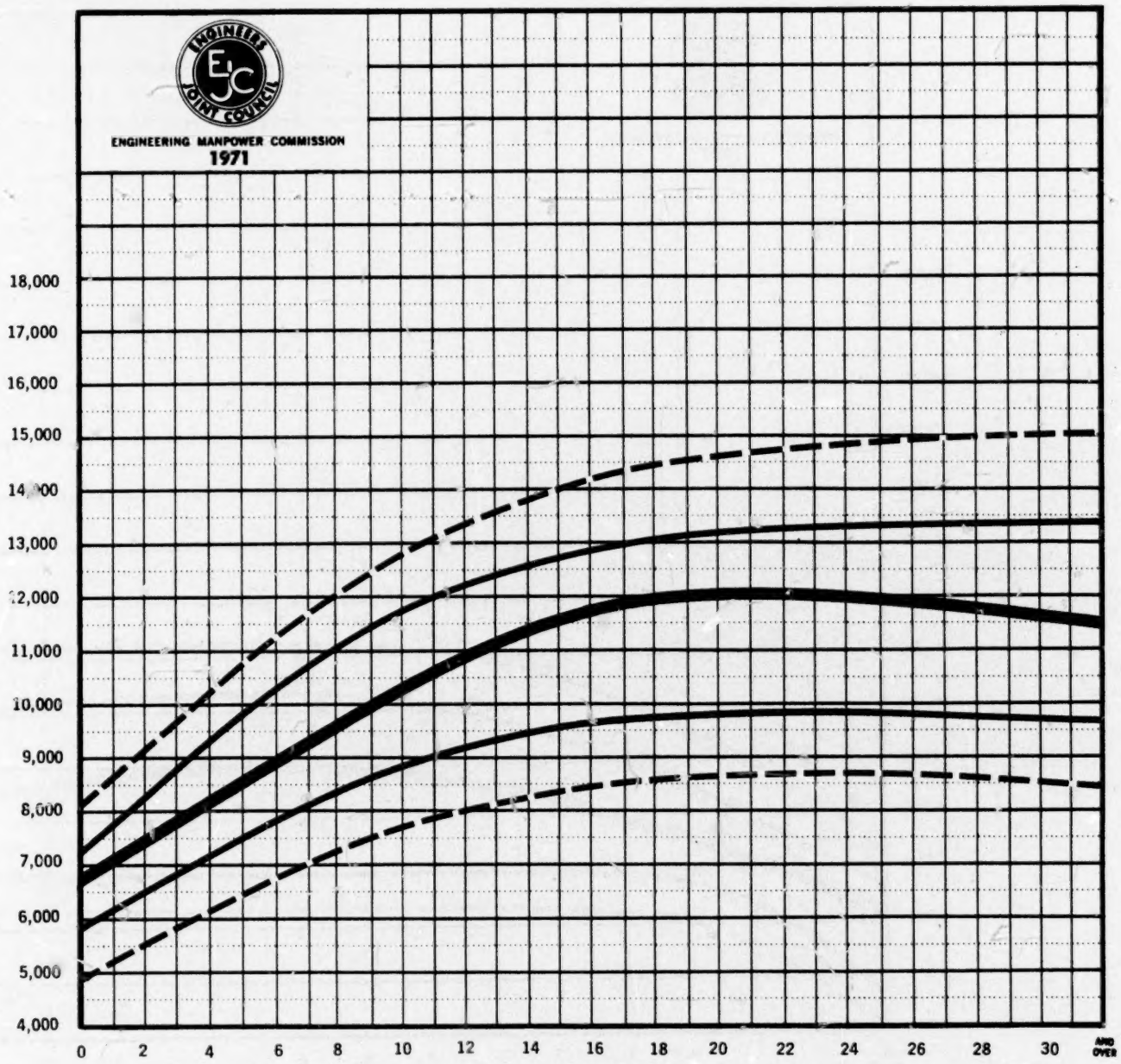
LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

LOCAL GOVERNMENT
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8200	8750	9300	9850	10350	10850	11300	11750	12150
UPPER QUARTILE	7300	7900	8450	9000	9500	9950	10400	10800	11150
MEDIAN	6650	7050	7450	7850	8250	8650	9000	9400	9750
LOWER QUARTILE	5950	6300	6650	7000	7300	7650	7950	8250	8500
LOWER DECILE	4950	5250	5550	5850	6150	6450	6750	7050	7300
MEAN	6700	7100	7550	7950	8350	8750	9100	9450	9800
TOTAL NUMBER	21	22	24	36	48	35	49	37	30
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

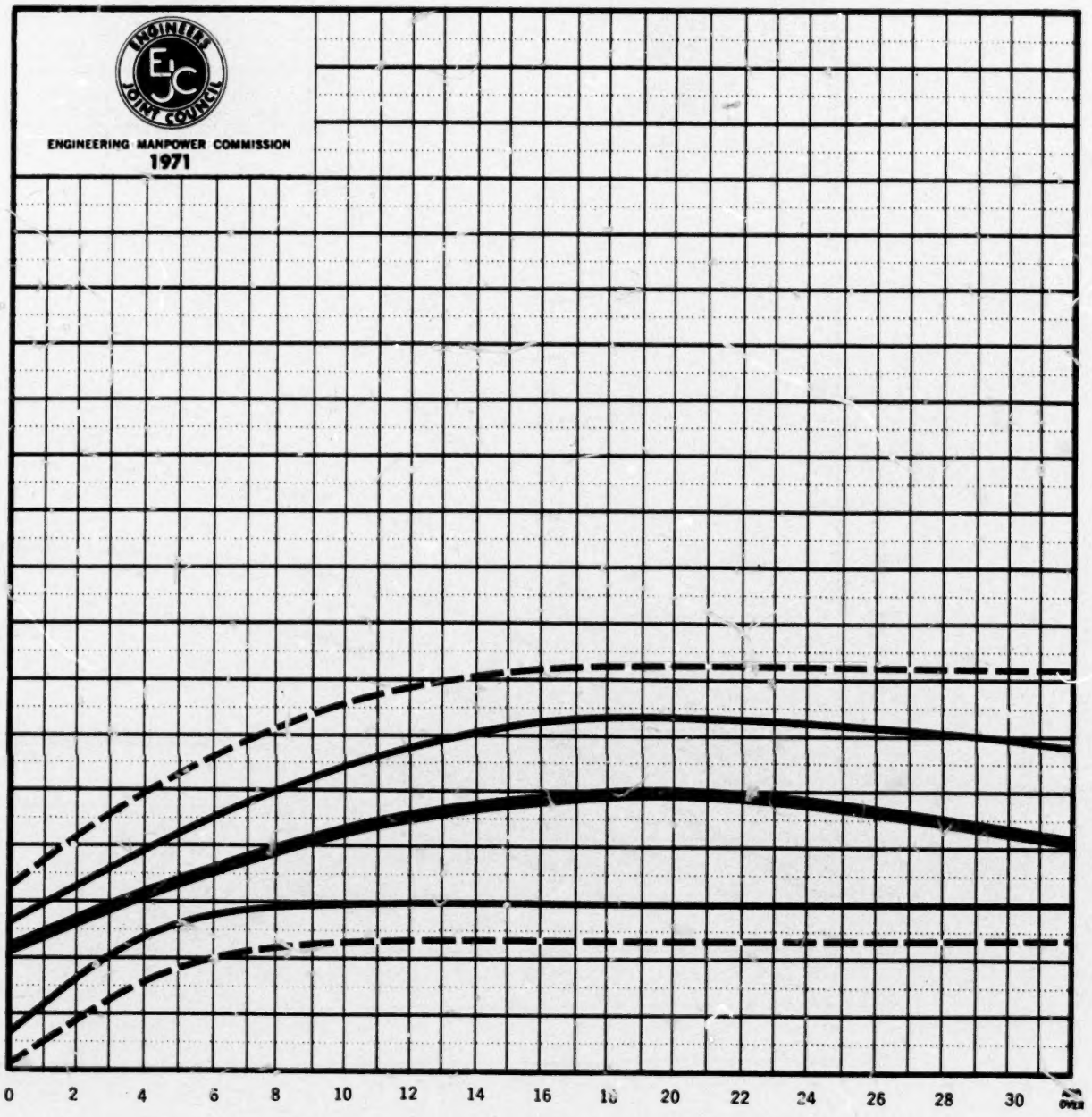
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12800	13600	14150	14550	14750	14900	15000	15050	15050
UPPER QUARTILE	11800	12450	12850	13150	13300	13400	13400	13450	13450
MEDIAN	10400	11200	11700	11950	12000	11900	11750	11500	11150
LOWER QUARTILE	8950	9450	9700	9800	9850	9800	9700	9650	9550
LOWER DECILE	7700	8200	8500	8650	8650	8600	8550	8450	8400
MEAN	10350	11000	11400	11650	11700	11700	11700	11650	11600
TOTAL NUMBER	99	105	88	103	88	96	78	97	151
NUMBERS OVER $16000	1	1	2	5	2	5	4	6	13
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1207

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

STATE GOVERNMENT
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7350	7750	8150	8550	8900	9250	9550	9850	10100
UPPER QUARTILE	6600	6950	7250	7600	7900	8200	8500	8750	9000
MEDIAN	6100	6300	6550	6800	7050	7300	7500	7700	7900
LOWER QUARTILE	4700	5450	6000	6350	6600	6750	6850	6900	6900
LOWER DECILE	4150	4650	5100	5450	5700	5900	6000	6100	6200
MEAN	6050	6350	6600	6900	7150	7400	7600	7850	8050
TOTAL NUMBER	519	604	1311	931	1030	919	832	912	937
NUMBERS OVER $16000	0	1	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

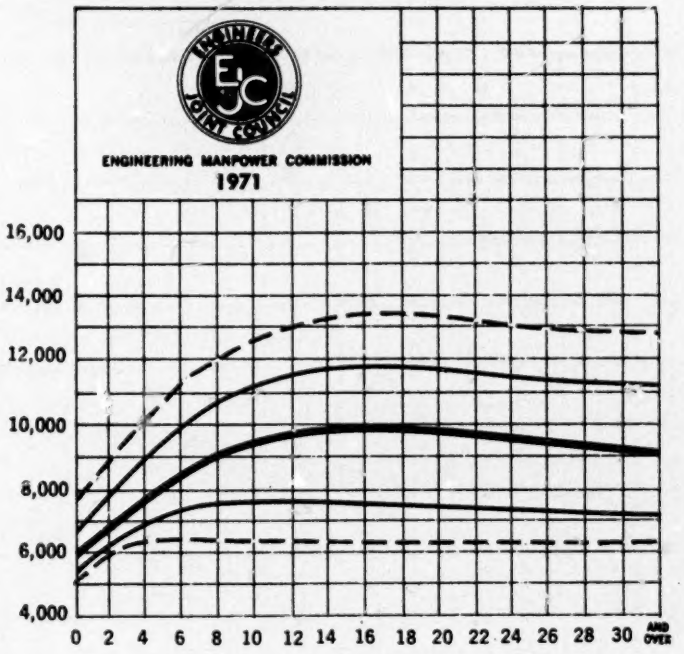
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10550	10950	11200	11250	11250	11250	11200	11150	11100
UPPER QUARTILE	9450	9950	10250	10350	10300	10200	10050	9800	9550
MEDIAN	8250	8650	8850	8900	8850	8650	8450	8100	7650
LOWER QUARTILE	6950	7000	7000	7000	7000	7000	7000	7000	7000
LOWER DECILE	6250	6350	6350	6350	6350	6350	6350	6350	6350
MEAN	8350	8700	8900	8900	8850	8750	8600	8450	8250
TOTAL NUMBER	1894	1703	1490	1039	812	763	626	928	1662
NUMBERS OVER $16000	0	2	1	4	4	2	1	0	3
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 18912

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

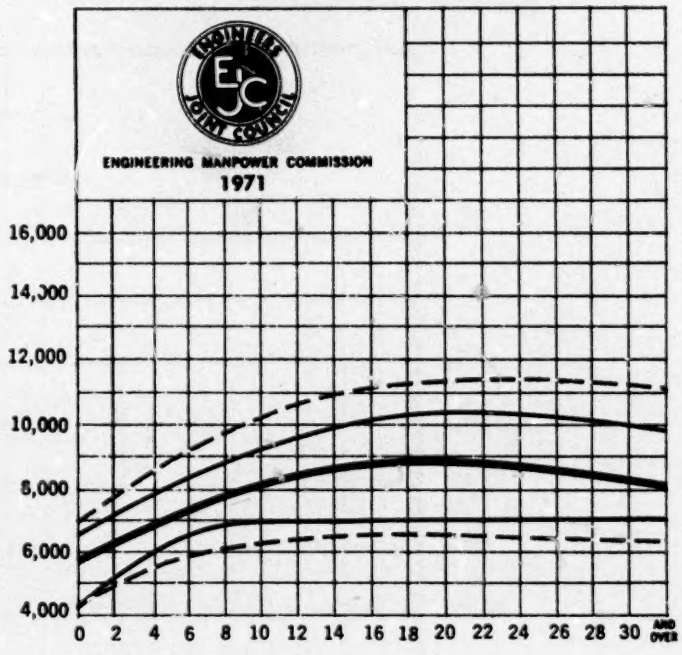
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7800	8400	9050	9650	10250	10750	11250	11700	12100
UPPER QUARTILE	6700	7300	7900	8500	9050	9550	10050	10450	10800
MEDIAN	5900	6300	6750	7200	7650	8050	8400	8750	9000
LOWER QUARTILE	5400	5800	6200	6550	6850	7100	7350	7500	7600
LOWER DECILE	4750	5600	6050	6300	6350	6400	6400	6350	6350
MEAN	6250	6700	7200	7650	8050	8400	8750	9000	9250
TOTAL NUMBER	234	294	299	263	182	170	97	87	86
NUMBERS OVER $16000	0	1	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	12700	13200	13350	13300	13150	13000	12900	12800	12750
UPPER QUARTILE	11300	11650	11750	11650	11500	11400	11300	11200	11150
MEDIAN	9450	9800	9900	9800	9600	9400	9250	9100	9000
LOWER QUARTILE	7750	7700	7600	7450	7350	7250	7200	7150	7150
LOWER DECILE	6350	6300	6300	6300	6300	6300	6300	6300	6300
MEAN	9600	9800	9800	9750	9600	9500	9450	9350	9350
TOTAL NUMBER	147	75	69	53	36	24	15	22	48
NUMBERS OVER $16000	0	2	1	2	3	0	0	0	2
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 2201

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	7000	7350	7750	8150	8500	8850	9200	9500	9800
UPPER QUARTILE	6550	6850	7150	7450	7750	8050	8300	8600	8850
MEDIAN	5750	6050	6350	6600	6900	7150	7400	7650	7850
LOWER QUARTILE	4300	5150	5800	6250	6550	6700	6800	6850	6900
LOWER DECILE	4300	4600	4900	5150	5400	5650	5850	6050	6200
MEAN	5800	6100	6400	6650	6950	7200	7450	7700	7900
TOTAL NUMBER	285	310	1012	668	848	749	735	825	851
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

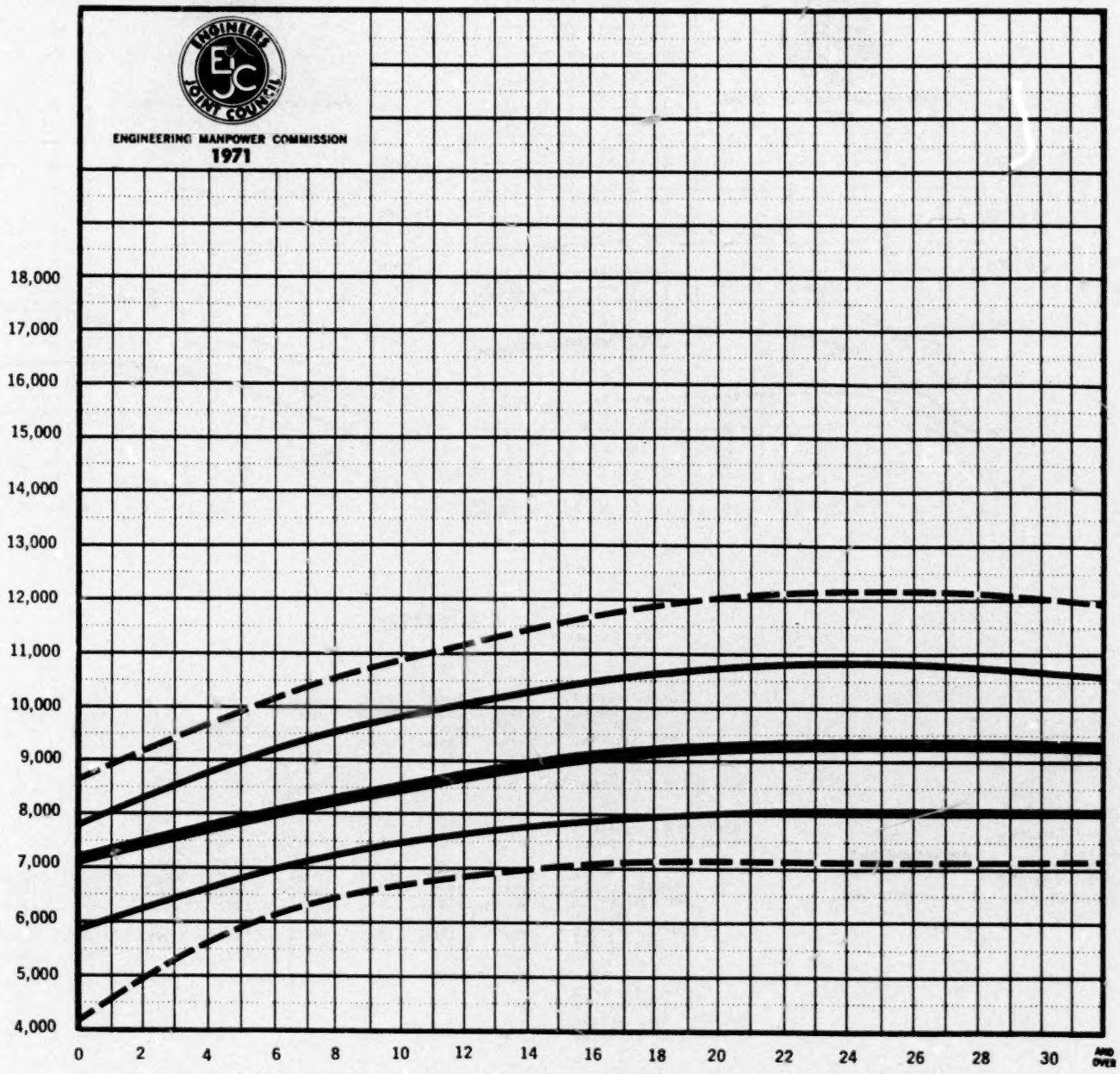
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10300	10850	11150	11250	11300	11250	11150	11050	11000
UPPER QUARTILE	9300	9850	10200	10350	10350	10250	10050	9800	9500
MEDIAN	8250	8650	8850	8900	8750	8600	8350	8050	7700
LOWER QUARTILE	6950	7000	7000	7000	7000	7000	7000	7000	7000
LOWER DECILE	6400	6550	6550	6500	6400	6300	6250	6200	6150
MEAN	8250	8650	8850	8900	8800	8700	8550	8400	8200
TOTAL NUMBER	1747	1628	1421	986	776	739	611	906	1614
NUMBERS OVER $16000	0	0	0	2	1	2	1	0	1
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 16711

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*

EDUCATIONAL INSTITUTIONS
ALL TECHNICIANS



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ALL TECHNICIANS

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8700	8950	9200	9400	9650	9850	10100	10300	10500
UPPER QUARTILE	7800	8050	8250	8500	8700	8900	9100	9300	9500
MEDIAN	7100	7250	7400	7550	7700	7850	8000	8100	8250
LOWER QUARTILE	5900	6100	6300	6500	6650	6850	7000	7150	7250
LOWER DECILE	4200	4650	5000	5350	5650	5900	6150	6300	6500
MEAN	6950	7150	7350	7500	7700	7850	8050	8200	8350
TOTAL NUMBER	14	14	15	24	23	28	29	26	49
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

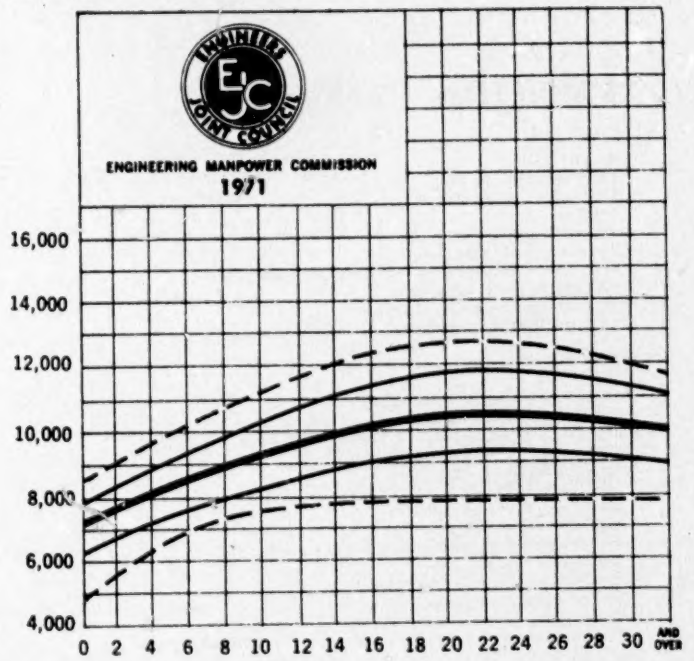
YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10850	11350	11700	11950	12100	12150	12100	11950	11600
UPPER QUARTILE	9800	10200	10500	10700	10800	10750	10700	10550	10200
MEDIAN	8500	8600	9050	9200	9350	9350	9350	9250	9050
LOWER QUARTILE	7500	7750	7900	8000	8050	8050	8050	8050	8050
LOWER DECILE	6700	6950	7050	7100	7150	7150	7150	7150	7150
MEAN	8600	9000	9250	9450	9550	9550	9550	9450	9250
TOTAL NUMBER	92	83	75	82	82	82	76	130	188
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 1112

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

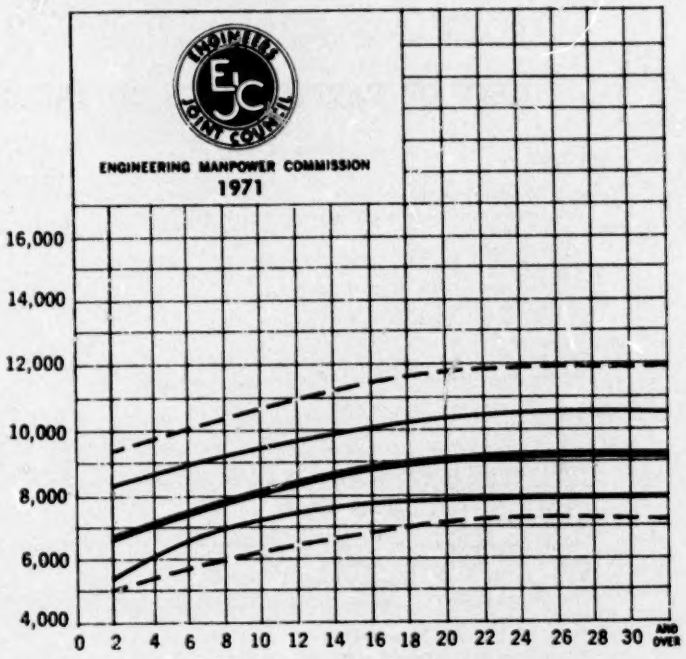
Annual Salary by Years Since Graduation from Technical Institute*

GRADUATES



Annual Salary by Equivalent Years Since Graduation from Technical Institute*

NON-GRADUATES



LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8500	8800	9050	9350	9650	9900	10200	10450	10700
UPPER QUARTILE	7850	8100	8350	8600	8850	9100	9350	9600	9850
MEDIAN	7150	7350	7600	7800	8050	8250	8500	8700	8900
LOWER QUARTILE	6300	6550	6750	6950	7150	7400	7600	7800	8000
LOWER DECILE	4700	5150	5650	6050	6450	6800	7050	7300	7450
MEAN	7000	7250	7500	7800	8050	8300	8550	8750	9000
TOTAL NUMBER	6	12	9	12	13	14	12	12	17
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	11200	11850	12300	12600	12700	12550	12250	11650	10450
UPPER QUARTILE	10300	10900	11400	11700	11850	11800	11550	11000	9700
MEDIAN	9300	9850	10200	10450	10550	10500	10300	9950	9200
LOWER QUARTILE	8350	8800	9100	9300	9350	9300	9150	8900	8450
LOWER DECILE	7700	7850	7850	7850	7800	7800	7800	7800	7800
MEAN	9400	9950	10300	10450	10500	10350	10150	9800	9150
TOTAL NUMBER	24	18	18	12	15	11	5	12	16
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 240

NON-GRADUATES

YEARS	0	1	2	3	4	5	6	7	8
UPPER DECILE	8900	0	9300	9500	9700	9900	10050	10250	10400
UPPER QUARTILE	8000	0	8300	8450	8600	8750	8900	9050	9150
MEDIAN	6150	0	6600	6850	7050	7250	7450	7600	7800
LOWER QUARTILE	4500	0	5300	5650	6000	6300	6550	6800	7000
LOWER DECILE	4700	0	5000	5200	5350	5550	5700	5850	6000
MEAN	6600	0	6950	7150	7300	7500	7650	7850	8000
TOTAL NUMBER	6	2	6	12	10	14	17	14	32
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

YEARS	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-34	35+
UPPER DECILE	10750	11150	11500	11750	11900	11950	11950	11900	11600
UPPER QUARTILE	9400	9750	10050	10300	10450	10550	10600	10550	10250
MEDIAN	8150	8550	8800	9000	9100	9150	9150	9100	9000
LOWER QUARTILE	7300	7600	7800	7900	7950	7950	7950	7950	8000
LOWER DECILE	6250	6600	6850	7050	7150	7200	7200	7150	7050
MEAN	8300	8700	9000	9200	9350	9450	9450	9400	9250
TOTAL NUMBER	68	65	57	70	67	71	71	118	172
NUMBERS OVER $16000	0	0	0	0	0	0	0	0	0
NUMBERS UNDER $4000	0	0	0	0	0	0	0	0	0

NUMBER OF TECHNICIANS COVERED - 872

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

LIST OF PARTICIPANTS IN THE 1971 TECHNICIANS SALARY SURVEY

AEROSPACE

(R) The Aerospace Corporation
Avco Aerostructures Division
Avco Lycoming Division
Bell Aerospace Company
The Boeing Company
The Boeing Company, Vertol Division
Walter Kidde and Company, Inc.
Simmond Precision, GLA Division
Teledyne CAE
Thiokol Chemical Corp., Huntsville Division
Vought Missiles and Space Company, Texas Division

CHEMICALS

(R) Air Reduction Company, Inc.
American Enka Company
The Ansul Company
Atlantic Richfield Hanford Company
Bacon Industries, Inc.
Cabot Corporation
(P) Cosden Oil & Chemical Company
E. I. du Pont de Nemours & Company
The Ensign-Bickford Company
(R) Ethyl Corporation
First Mississippi Corporation
B. F. Goodrich Chemical Company
Hercules Incorporated
(R) Ionics, Incorporated
Jefferson Chemical Company, Inc.
S. C. Johnson & Son, Inc.
Eli Lilly & Company
Mississippi Chemical Corporation
Norden Laboratories, Inc.
Noxell Corporation
PPG Industries, Inc.
Quaker Chemical Corporation
Salsbury Laboratories
Sika Chemical Corporation
Terra Chemicals Int. Inc.
The Upjohn Company
(R) United States Gypsum Research Center

ELECTRICAL EQUIPMENT

Acme Electric Corporation
Aero-Flow Dynamics, the Wing Company
AMP Incorporated
Babcock & Wilcox, Bailey Meter Company
(A) Bendix Electrodynamics Division
Bodine Electric Company
Colt Industries, Central Moloney Transformer Div.
Electric Machinery Manufacturing Company
Electric Motors and Specialties, Inc.
Emerson Electric Company
General Cable Corporation
Heinemann Electric Company
ITT Blackburn Company
Kearney Company
Littelfuse Inc.
Litton Industries, Jefferson Electric Company
P. R. Mallory and Company, Inc.
McGraw-Edison, National Electric Coil Division
Ranco Controls Division
Spencer Turbine Company
Sunbeam Appliance Company
(A) Vapor Corporation
Western Electric Company, Inc.
Westinghouse Air Brake Co., Signal & Communications Div.

ELECTRONIC EQUIPMENT

(A) Aircraft Radio Corp., Cessna Aircraft Co.
Airpax Electronics, Inc.
American District Telegraph Company, Inc.
American Electronic Labs, Inc.
American Sign and Indicator
Applied Technology
(R) Bell Telephone Laboratories, Inc.
(A) Bendix Avionics Division
Bendix Communications Division
Bendix Kansas City Division
Collins Radio Company
Cubic Corporation
Dale Electronics, Inc.
Dynasciences Corp., Instrument Systems Division
(A) Fairchild Industries, Space & Electronics Division
Gates Radio
General Instrument Corporation, Electronic Systems Div.
General Radio Company
Globe-Union Inc.
The Hallicrafters Company
(A) Hazeltine Corporation
Hewlett-Packard Company, Loveland, Col.
Hewlett-Packard Company, New Jersey Division
Honeywell, Inc., Massachusetts Operations
Industrial Electronic Engineers, Inc.
Infrared Industries, Inc.
International Business Machines Corporation
Jensen Manufacturing Company
E. F. Johnson Company
Ledex, Inc.
Magnaflux Corporation
Melpar
PRD Electronics, Inc.
Radiation Incorporated
Realtronics
Rogers Corporation
Sanders Associates, Inc.
Sola Basic Industries, GV Controls Division
Solidstate Controls, Inc.
University Computing Company
Ventron Instruments Corp., Cahn Division

INSTRUMENTS

Becton, Dickinson and Company
Bendix Automation & Measurement Division
(A) Bendix Instruments & Life Support Division
Bourns, Inc., CAI Division
Hallikainen Instruments
Itek Corporation, Univis, Inc.
Leeds and Northrup Company
Mast Development Company
Neptune Meter Company, Revere Electronic Div.
The Ohmart Corporation
The Perkin-Elmer Corporation
Powers Regulator Company
Robertshaw Controls Company, A & I Division
Stewart-Warner Corporation, Alemite & Instrument Div.
Sybron Corp., Taylor Instrument Process Control Div.
Trans-Sonics, Inc.
Zimmer Manufacturing Co.

MACHINERY

Abex Corporation, Denison Division
Ace Industries, Inc., AMCAR Division
Ajax Iron Works
Andale Company
Artisan Industries, Inc.
Avco New Idea Farm Equipment Company
(R) Babcock & Wilcox Company, Research and Development Div.
Barber-Colman Company
Bendix Industrial Tools Division
Borg Warner, York Division
(R) Bowles Fluidics Corporation
Bryant Grinder Corporation
(R) The Budd Company, Philadelphia
Buffalo Forge Company
Cherry-Burrell Corporation
Clyde Iron Works, Inc.
Colt Industries, Fairbanks Morse Power Systems Div.
Cummins Engine Company, Inc.
Deere and Company
The Deister Concentrator Company, Inc.
Despatch Industries, Inc.
The DeVilbiss Company
Donaldson Company, Inc.
Dresser Industries, Inc., Dresser Clark Division
Dresser Industries, Inc., Machinery Group
Dymo Industries, Inc.
The Electric Furnace Company
General Signal Corp., Aurora Pump
(R) Harris-Intertype Corporation, Printing Equipment Research Center
Heltzel Company
Hyster Company
Kearney and Trecker Corp.
Layne and Bowler Pump Company
Lear Siegler, Inc., HYPRO Division
(A) Lear Siegler, Inc., Power Equipment Division
Lilliston Corporation
Long-Airdox Company
Mercen-Johnson Machinery Company
Minneapolis-Moline
Moog, Inc.
Nutting Truck and Caster Company
The Oilgear Company
Otis Engineering Corporation
Page Engineering Company
Rex Chainbelt, Inc., Mathews Conveyer Division
Sandvik Conveyor, Inc.
SKF Industries, Inc.
Sperry Rand Corp., New Holland Division
(A) Sundstrand Corporation
Tel-E-Lect Inc.
Trane Company, Murray Division
Turbo Machine Company
Twin Disc, Inc.
The Vendo Company
Weber Marking Systems, Inc.
Barry Wehmiller Company

METAL PRODUCTS

ACF Industries, Inc., W-K-M Valve Division
Airtherm Manufacturing
Allied Structural Steel Company
(R) American Can Company, Research & Development & Technical Service
American Chain & Cable Co., Inc., Chain Division
AMF Beaird, Inc.
Auto Specialties Manufacturing Company
Avco Lycoming, Charleston Plant
Avco Precision Products Division
Bradley Washfountain Company
Butler Manufacturing Company
Camcar Screw Manufacturing

Camden Wire Company, Inc.
Chamberlain Manufacturing Corporation
Colt Firearms
Crunden Martin Manufacturing Company
Douglas United Nuclear, Inc.
Ellisco, Inc.
FMC Corporation, Northern Ordnance Division
Fram Corporation
Graham Manufacturing Company, Inc.
Gulf and Western Industries, Inc., Amron Division
Hamill Manufacturing Company
Harper-Wyman Company
Hoeganaes Corporation
The Hoover Company
Harvey Hubbell, Inc., Kellems Division
Ideal Corporation
Inland Steel Company
Intercraft Industries Corporation
Kelley Company, Inc.
Kelsey Hayes Company, Romulus, N.Y.
Kelsey Hayes Company, French & Hecht Division
King-Seeley Thermos Company
Laclede Steel Company
La Crosse Cooler Company
Lakeside Bridge and Steel Company
Lamson and Sessions Corporation
Leckenby Company
Litton Power Transmission Division
The Maytag Company
Midland-Ross Corp., National Castings Division
Modine Manufacturing Company, A & I Division
(R) Olin Corporation, New Haven
Peterson Manufacturing Company
Pittsburgh Canfield Corporation
Pittsburgh-Des Moines Steel Company
Reed Rolled Thread Die Company
St. Charles Manufacturing Company
Sciaky Brothers, Inc.
Stanray Products
Thompson Pipe & Steel Company
The Timken Company
The Vendo Company
Warner Electric Brake & Clutch Company
Wheeling Stamping Company
William M. Wilson's Sons, Inc.
Worcester Valve Company, Inc.

OTHER MANUFACTURING

Acushnet Company, Rubber Division
Amerace-Esna Elastimold Division
ASG Industries, Inc.
Bartlett-Collins
Bergstrom Paper Company
The Carborundum Company
Central Soya Company, Inc.
Clearfield Cheese Company, Inc.
Collins & Aikman Corporation
Columbian Rope Company
Consolidated Papers, Inc.
Corning Glass Works
Dexter Corporation, Hysol Division
Diamond International Corp., Penobscot Co.
Durkee-Atwood Company
Eastex Incorporated
Falstaff Brewing Corporation
Georgia Pacific Corporation, Crossett, Ark.
Georgia-Pacific Corporation, Woodland Division
Great Northern Paper Company
Great Plains Container Company
Gulf States Paper Corp., Paper Products Division
Hammermill Paper Company
Ingram-Richardson, Inc.
Irvin Industries, Inc.
Lenox China, Inc.
The Mead Corporation
The Quaker Oats Company, Fisher-Price Toys
Riegel Paper Corporation, New Jersey
Riegel Paper Corporation, North Carolina
Ritter Company
RJR Foods, Inc.
UARCO Incorporated
Utex Industries, Inc.
US Plywood-Champion Papers, Inc., US Plywood Division
Waterbury Companies, Inc.
Wells Lamont Corporation

PETROLEUM

Amerada Hess Corporation
Atlantic Richfield Company
Cities Service Oil Company, Lousiana
Cities Service Oil Company, Oklahoma
Continental Oil Company, Houston
Continental Oil Company, Wrenshall Refinery
Equity Oil Company
Kerr-McGee Corporation
King Resources Company
Mobil Pipe Line Company
Pennzoil Producing Company
Plantation Pipe Line Company
Portland Pipe Line Corporation
Skelly Oil Company
The Standard Oil Company, Ohio
Sun Oil Company
Superior Oil Company
Tenneco, Inc.
United Oil Company

SHIPBUILDING

General Dynamics Corp. Electric Boat Div.
National Steel and Shipbuilding Company
Newport News Shipbuilding & Dry Dock Company

COMMUNICATIONS

American District Telegraph Company, Inc.
Carolina Telephone and Telegraph Company
Commonwealth Telephone Company
General Telephone Company of Indiana, Inc.
General Telephone Company of Kentucky
General Telephone Company of the Northwest, Inc.
General Telephone Company of Ohio
ITT Defense Communications Division

CONSTRUCTION AND MINING

American Gilsonite Company
Ameron Pipe Products Group, Southwest Division
Bankhead Mining Company, Inc.
Bayer and Mingolla Industries, Inc.
The Bunker Hill Company
Burke Concrete Accessories, Inc.
Bushman Construction Company
Chemical Construction Corporation
Clermont Engineering Company
The Cleveland-Cliffs Iron Company
Climax Molybdenum Company
Consolidation Coal Company
(R) The Construction Specifications Institute
Cox Brothers Construction Company, Inc.
Dickerson, Inc.
Dravo Corporation
Dresser Engineering Company
Martin K. Ely Construction Company, Inc.
Hecla Mining Company
Interpace Corporation, The Carey Salt Co.
(R) Johns-Manville Products Corporation, R & E Center
Al Johnson Construction Company
Kennecott Copper Corporation, Utah Copper Division
New Idria Mining and Chemical Company, Idria Division
Panacon Corporation
Pima Mining Company
Portland Cement Association
Prestressed Concrete Products Company, Inc.
The John G. Rubin Construction Company
The Rust Engineering Company
Swindell-Dressler Company
United Engineering and Constructors, Inc.
United States Borax and Chemical Corporation
Vulcan Materials Company, Midwest Division
Western Talc Company, Inc.
Weston and Brooker Company
White Pine Copper Company

ELECTRIC UTILITIES

Alabama Power Company
American Electric Power Service Corporation
Anoka Electric Cooperative
Appalachian Power Company
Arizona Public Service Company
Baldwin County Electric Membership Corporation
Boston Edison Company
Carolina Power and Light Company
Central Hudson Gas and Electric Corporation
Central Illinois Public Service Company
Central Lincoln People's Utility District
Central Maine Power Company
Central Nebraska Public Power and Irrigation District
Central Power and Light Company, Corpus Christi
Clay Electric Cooperative, Inc.
Cleveland Electric Illuminating Company
Commonwealth Edison Company
Dairyland Power Cooperative
Delmarva Power and Light Company of Maryland & Associated Companies
Delmarva Power and Light Company, Northern Division
The Detroit Edison Company
Duke Power Company
Duquesne Light Company
Electric Power Board of Chattanooga
Eugene Water and Electric Board
Florida Power and Light Company
Georgia Power Company
Golden Valley Electric Association
Green Mountain Power Corporation
Gulf Power Company
Hartford Electric Light Company
Houston Lighting and Power Company, Engineering Department
Iowa-Illinois Gas and Electric Company
Jersey Central - New Jersey Power and Light Company
Kansas City Power and Light Company
Long Island Lighting Company
Maine Public Service Company
Minnesota Power and Light Company
Minnkota Power Cooperative, Inc.
Mississippi Power Company
Mississippi Power and Light Company
Missouri Utilities Company
Nantahala Power and Light Company
New England Electric System
New England Gas and Electric System
New York State Electric and Gas Corporation
Northeast Utilities Service Company
Ohio Edison Company
Omaha Public Power District

Orange and Rockland Utilities, Inc.
Otter Tail Power Company
Pacific Power and Light Company
The Potomac Edison Company
Potomac Electric Power Company
Public Service Company of Colorado
Public Service Electric and Gas Company, Newark, New Jersey
Public Utility District No. 2 of Grant County, Washington
Rochester Gas and Electric Corporation
Sacramento Municipal Utility District
South Carolina Electric and Gas Company
Southeastern Illinois Electric Cooperative, Inc.
Southern Services, Inc.
Southwestern Electric Power Company
Southwestern Public Service Company
Tillamook Peoples Utility District
The Toledo Edison Company
Tri-County Electric Membership Corporation
Vernon Electric Corporation
Virginia Electric and Power Company
The Washington Water Power Company
Wisconsin Electric Power Company

ENGINEERING AND CONSULTING

A. C. Ackenheil and Associates, Inc.
Alvord Burdick and Howson
Austin, Smith and Associates, Inc.
The Badger Company
B. P. Barber and Associates, Inc.
Charles T. Barber and Associates, Inc.
Barr, Dunlop and Associates, Inc.
Bartholomew Associates, Inc.
Barton-Aschman Associates, Inc.
Howard K. Bell, Consulting Engineers, Inc.
Bendix Field Engineering Corporation
Alfred Benesch and Company
Benham-Blair and Affiliates, Inc.
Betz Environmental Engineers, Inc.
Black and Veatch
Austin Brockenbrough and Associates
Floyd G. Browne and Associates, Ltd.
Burgess and Niple, Ltd.
Burns and McDonnell Engineering Company
Byers, Urban, Klug and Pittenger
Byrd, Tallamy, MacDonald and Lewis
Camp, Dresser and McKee, Inc.
Capitol Engineering Corporation
Homer L. Chastain and Associates
CH_2M/Hill
Clark, Dietz and Associates Engineers, Inc.
Clark and Enersen Hamersky, Schlaebitz, Burroughs & Thomsen
Columbus Engineering Consultants, Ltd.
Commonwealth Associates, Inc.
Connell Associates, Inc.
Crawford, Murphy and Tilly, Inc.
Daily and Associates Engineers, Inc.
Dames and Moore
E. D'Appolonia Consulting Engineers, Inc.
(P) Dresser Industries, Inc. (Dresser Center)
EBASCO Services, Inc.
Edwards and Kelcey, Inc., Massachusetts
Edwards and Kelcey, Inc., New Jersey
Engineering Consultants, Inc.
Environmental Engineers
Eustis Engineering Company
Ewing Engineering Company
Fairbrother, Gunther and Bowman, Inc.
Ferver Engineering Company
Finkbeiner, Pettis and Strout, Ltd.
Fluor Corporation
Fromherz Engineers
Foster-Van Gundy and Associates
Galson and Galson
Gannett Fleming Corddry and Carpenter, Inc.
Gates Engineering Company
Goodkind and O'Dea, Inc.
Greeley and Hansen
Charles W. Greenwald Associates, Inc.
Haley and Aldrich, Inc.
Hardesty and Hanover
Havens and Emerson, Ltd.
Hayes, Seay, Mattern and Mattern
Hazelet and Erdal
Holland and Kurtz, Inc.
Horner and Shifrin, Inc.
Howard, Needles, Tammen and Bergendoff, Fairfield, N. J.
Howard, Needles, Tammen and Bergendoff, Florida
Howard, Needles, Tammen and Bergendoff, Missouri
Howard, Needles, Tammen and Bergendoff, Newark, N. J.
Howard, Needles, Tammen and Bergendoff, Ohio
Howard, Needles, Tammen and Bergendoff, Wisconsin
Hudgins-Thompson-Ball and Associates, Inc.
Jenks and Adamson Engineers
Kaehrle Associates
(P) The M. W. Kellogg Company
Ketchum, Konkel, Barrett, Nickel, Austin
Fenton G. Keyes Associates
King and Gavaris
Konski Engineers
Macchi and Hoffman Engineers
Albert C. Martin and Associates
McClelland Engineers, Inc.
McFarland, Johnson, Gibbons Engineers, Inc.
Metcalf and Eddy, Inc.
Moffatt, Nichol and Bonney, Inc.
Mosure-Fok Engineering Company, Ltd.
O'Brien and Gere Engineers, Inc.
Oyster, Imus and Associates, Inc.
P and W Engineers, Inc.
Parkhill, Smith and Cooper, Inc.
(R) The John T. Parsons Company
J. N. Pease Associates
Pfeifer and Shultz, Inc.
Phillips and Stong Engineering Company
Malcolm Pirnie, Inc.
(P) J. F. Pritchard and Company
W. E. Quicksall and Associates, Inc.
John G. Reutter Associates
Richardson, Gordon and Associates
Ruth and Going, Inc.
Sargent and Lundy Engineers
(P) Schlumberger Well Services
Seeley, Stevenson, Value and Knecht, Inc.
Shaffer, Johnston, Lichtenwalter and Associates, Inc.
Shannon and Wilson, Inc.
Stanley Consultants, Inc.
Syska and Hennessy, Inc.
(R) Teledyne Materials Research
Tornrose, Campbell and Associates
Trygve, Hoff and Associates
United Engineers and Constructors, Inc., Jackson and Moreland Division
Charles R. Velzy Associates, Inc.
Vogt, Ivers and Associates, Inc.
Wallace, Holland, Kastler, Schmitz and Company
Watkins and Associates, Inc.
(P) Rex Watson - Halliburton Services
The Ken R. White Company
Whitman, Requart and Associates
Wight and Company, Inc.
Clyde E. Williams and Associates, Inc.
Wilsey and Ham
Wilson and Company, Engineers and Architects

GAS UTILITIES

Columbia Gas System Service Corporation
Columbia Gas System, Pittsburgh Group
Consolidated Gas Supply Corporation
Gasco, Inc.
Kentucky West Virginia Gas Company
Pacific Gas Transmission Company
Panhandle Eastern Pipe Line Company
Southern California Gas Company
Southern Union Gas
Texas Eastern Transmission Corporation
Transcontinental Gas Pipe Line Corporation
Wisconsin Gas Company

RESEARCH

Ball Brothers Research Corporation
Bancroft Licensing
Battelle, Northwest
Consumers Union of U.S., Inc.
Contemporary Research, Inc.
University of Dayton Research Institute
EG&G, Inc.
Geotel Company, Plasmadyne
The Johns Hopkins University Applied Physics Laboratory
Research Laboratories for the Engineering Sciences
Sandia Laboratories, California
Sandia Laboratories, New Mexico
Southwest Research Institute
Syracuse University Research Corporation
Underwriters' Laboratories, Inc.
URS Research Company

TRANSPORTATION

Bessemer and Lake Erie Railroad Company
C. M. St. P. & P. R. R. Company
(A) Mohawk Airlines, Inc.
Norfolk and Western Railway Company
Roadway Express, Inc.
Southern Railway System
(A) United Air Lines, Inc.
The Western Pacific Railroad Company

FEDERAL GOVERNMENT

Air Force Contract Management Division
(R) Argonne National Laboratory
Bonneville Power Administration
Bureau of Prisons
(R) Bureau of Reclamation, Engineering and Research Center
(R) Deseret Test Center
Federal Highway Administration
Fort Sheridan
Goddard Space Flight Center
Kelly Air Force Base
Long Beach Naval Shipyard
(R) Los Alamos Scientific Laboratory
Marine Crops Supply Center, Civilian Personnel Office
Marine Corps Supply Center, Barstow, California
NASA, Wallops Station
(R) Naval Avionics Facility
Naval Construction Battalion Center
Naval Facilities Engineering Command, Western Division
(R) Naval Ordnance Laboratory
Naval Supply Center, Oakland
(R) Naval Undersea Research and Development Center
(R) Oak Ridge National Laboratory
Picatinny Arsenal
Portsmouth Naval Shipyard

Rural Electrification Administration
Tennessee Valley Authority
U.S. Army Tank-Automotive Command
U.S. Army Weapons, Rock Island Arsenal
(R) USDA, Agricultural Research Service
U.S. Marine Corps, Headquarters

STATE GOVERNMENT

Arkansas Highway Department
Connecticut Department of Transportation
State of Florida Department of Transportation
Illinois Division of Highways
Kentucky Department of Highways
Louisiana Department of Highways
Maine State Highway Commission
State Highway Administration of Maryland
Massachusetts Department of Public Works
Missouri State Highway Department
Mississippi State Highway Department
Nebraska Department of Roads
State Highway Department of Nevada
New Mexico State Highway Department
North Carolina State Highway Commission
North Dakota State Highway Department
Pennsylvania Department of Transportation
South Carolina Highway Department
Utah State Department of Highways
State of Vermont, Highway Department Personnel
Virginia Department of Highways
West Virginia Department of Highways
Wisconsin Department of Transportation, Division of Highways
Wyoming Highway Department

LOCAL GOVERNMENT

City of Akron, Bureau of Engineering
Atlantic City Sewerage Company
City of Birmingham Water Works Board
City of Cincinnati Division of Engineering
City of Chicago Bureau of Water
City of Cleveland, Division of Air Pollution Control
Connecticut Water Company
Dallas Public Works Department
Dallas Water Utilities
City of Dayton Division of Engineering
Dayton Department of Water
D. C. Government Department of Environmental Services
Denver Board of Water Commissioners
City of Detroit Engineer's Office
Fontana Union Water Company
City of Fort Worth
City of Grand Rapids Engineering Department
City of Jacksonville Public Works Engineering Division
Jefferson County Department of Public Works, Kentucky
Kansas City Board of Public Works, Kansas
Kansas City Department of Public Works, Missouri
Kansas City Water Department, Missouri
Port of Long Beach
Los Angeles County Flood Control Center, California
Louisville Department of Traffic Engineering
Metropolitan Utilities District, Nebraska
City of Miami Beach, Public Works Department
City of Milwaukee Bureau of Engineers
Milwaukee Department of Public Works
Milwaukee Water Works
New York City Transportation Administration
City of Oakland Street and Engineering Department
City of Oklahoma City
Philadelphia Streets Department
Portland Bureau of Water Works, Engineers
Providence Public Works Department
Providence Traffic Engineering Department
City of St. Louis, Department of Personnel
St. Paul Water Department
San Antonio City Water Board
San Diego Unified Port District Engineering Division
San Francisco Water Department
City of Santa Monica
City of Seattle Water Department
Springfield Utility Board
Syracuse Department of Engineering
City of Torrance Engineering Department
Union County Park Commission, New Jersey

EDUCATIONAL INSTITUTIONS

Auburn University
Boston University College of Engineering
Brigham Young University
Brown University Division of Engineering
California State College, Fullerton
California State Polytechnic College, Kellogg-Voorhis
Central Institute of Technology
Chico State College Division of Engineering
City College of New York School of Engineering
Clarkson College of Technology
Clemson University College of Engineering
Cleveland State University
Cogswell Polytechnic College
Colorado State University College of Engineering
DeVry Institute of Technology
Florida Atlantic University College of Engineering
Florida Technological University College of Engineering
Fresno State College
Gaston College
Georgia Institute of Technology
Howard University School of Engineering
Hudson Valley Community College
Institute of Drafting and Technology
Iowa State University College of Engineering
Louisiana State University College of Engineering
Louisiana Technological University College of Engineering
Lowell Technological Institute
Loyola University
Maricopa County Community College District
Marquette University College of Engineering
Merrimack College Division of Engineering
Newark College of Engineering
New Hampshire Technical Institute
North Carolina State University School of Engineering
North Dakota State University College of Engineering
Northeastern University
Northwestern University
Ohio State University College of Engineering
Oregon State University School of Engineering
Purdue University School of Technology
RCA Institutes, Inc.
Ricks College
Rose-Hulman Institute of Technology
San Fernando Valley State College
South Dakota School of Mines and Technology
Southeastern Massachusetts University
Southern Illinois School of Engineering and Technology
Southern Technical Institute
Stanford University School of Engineering
SUNY Agric. and Tech. College at Alfred
SUNY Agric. and Tech. College at Canton
Temple University Technical Institute
(R) Texas A&M University Engineering Experiment Station
Texas Technological University
University of Akron
University of Alabama College of Engineering
University of Arizona College of Engineering
University of California at Davis
UCLA School of Engineering and Applied Science
University of California
University of Connecticut
University of Dayton
University of Delaware
University of Houston, Cullen College of Engineering
University of Iowa
University of Kansas
University of Kentucky College of Engineering
University of Maine
University of Mississippi School of Engineering
University of New Hampshire
University of North Carolina at Charlotte
University of Notre Dame
University of Oklahoma College of Engineering
University of Pennsylvania
University of South Carolina College of Engineering
University of South Florida College of Engineering
University of Tennessee
University of Texas at El Paso School of Engineering
University of Toledo College of Engineering
University of Washington College of Engineering
University of Wisconsin at Milwaukee
University of Wisconsin College of Engineering
University of Wyoming College of Engineering
Utah State University
Vermont Technical College
Virginia Military Institute
Virginia Polytechnic Institute and State University
(R) Washington State University, Engineering Research Division
Wayne State University College of Engineering
Weber State College School of Technology and Trade
West Virginia University College of Engineering
Wichita State University College of Engineering
Wisconsin State University

(Please also complete other side)

SALARIES OF ENGINEERING TECHNICIANS - 1971

A survey being conducted by the
ENGINEERING MANPOWER COMMISSION
of Engineers Joint Council

Please complete and return this form to:

ENGINEERING MANPOWER COMMISSION
345 East 47th Street
New York, N. Y. 10017

. . . as promptly as possible but not later than July 31, 1971

1. Reporting organization: Name: _____

City: _____

Address: _____ Zip: _____ State: _____

2. Name and title of person responsible for data: _____

_____

3. Product or service of organization (see back for preferred categories): _____

_____

4. Total number of employees in organization (approx.): _____

5. Number of engineering technicians employed: _____

6. Are these technicians employed predominantly in the state given in your address? _____

If not, please indicate location (for purposes of determining regional salary differences.) _____

_____

7. If any engineering technicians employed by your organization are not included in this report, please give such additional number and reason for omission: _____

Number: _____ Reason: _____

_____

FACSIMILE -- DO NOT RETURN

SALARY INFORMATION CONFIDENTIAL WHEN FILLED IN

Only the names of participating employers and the total number of technicians covered will be included in the published report. Salary curves will not be published for any industry group numbering fewer than five respondents, and will be weighted, if necessary, to assure that less than half of the data will come from a single employer in any case. All respondents will be sent a complimentary copy of the curves for their own industry group.

ENGINEERS JOINT COUNCIL

MEMBER SOCIETIES
AMERICAN SOCIETY OF CIVIL ENGINEERS
AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AMERICAN SOCIETY FOR ENGINEERING EDUCATION
SOCIETY OF NAVAL ARCHITECTS AND MARINE ENGINEERS
AMERICAN SOCIETY FOR TESTING AND MATERIALS
AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS
AMERICAN INSTITUTE OF CONSULTING ENGINEERS
AMERICAN SOCIETY FOR METALS
SOCIETY FOR EXPERIMENTAL STRESS ANALYSIS
INSTRUMENT SOCIETY OF AMERICA
AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS
SOCIETY OF FIRE PROTECTION ENGINEERS
AMERICAN INSTITUTE OF PLANT ENGINEERS
AMERICAN ASSOCIATION OF COST ENGINEERS
SOCIETY OF AMERICAN MILITARY ENGINEERS
AMERICAN SOCIETY FOR QUALITY CONTROL
SOCIETY OF MANUFACTURING ENGINEERS

ASSOCIATE SOCIETIES
AIR POLLUTION CONTROL ASSOCIATION
NATIONAL INSTITUTE OF CERAMIC ENGINEERS
AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING
SOCIETY OF PACKAGING AND HANDLING ENGINEERS
INTERNATIONAL MATERIAL MANAGEMENT SOCIETY
SOCIETY OF WOMEN ENGINEERS
SOCIETY FOR THE HISTORY OF TECHNOLOGY
WESTERN SOCIETY OF ENGINEERS
MICHIGAN ENGINEERING SOCIETY
LOUISIANA ENGINEERING SOCIETY
NORTH CAROLINA SOCIETY OF ENGINEERS
WASHINGTON SOCIETY OF ENGINEERS
ENGINEERING SOCIETIES OF NEW ENGLAND
SOUTH CAROLINA SOCIETY OF ENGINEERS
LOS ANGELES COUNCIL OF ENGINEERS AND SCIENTISTS
HARTFORD ENGINEERS CLUB
INTERNATIONAL MATERIALS MANAGEMENT SOCIETY (NEW JERSEY CHAPTER)
CLEVELAND ENGINEERING SOCIETY

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345 East 47th St., New York, N. Y. 10017

SURVEY CATEGORIES USUALLY REPORTED BY EMC

Manufacturing

Aerospace
Chemicals, drugs, plastics, etc.
Electrical machinery & equipment
Electronic equipment
Instruments (precision)
Machinery (other than electrical) and mechanical equipment
Metal products, fabricated
Metals, basic
Petroleum
Other manufactured products

Non-Manufacturing

Communication services
Construction
Engineering & consulting services
Mining
Research organizations & laboratories
Transportation services
Electric Utilities
Other non-manufacturing

Government

Federal
State
Local

Educational Institutions

Colleges and universities
Technical institutes & junior colleges

Example of Completed form:
Please report the number of individuals in each appropriate block as indicated below:

	ANNUAL SALARY	ASSOCIATE DEGREE GRADUATES[1]												
		1969 (20)	1968 (21)	1967 (22)	1966 (23)	1965 (24)	1964 (25)	1963 (26)	1962 (27)	1961 (28)	1958-1960 (29-31)	1955-1957 (32-34)	1952-1954 (35-37)	1949-1951 (38-40)
101	$16,000 & over													
102	$15,000-15,999													
103	$14,000-14,999													
104	$13,000-13,999									1				
105	$12,500-12,999													
106	$12,000-12,499						1		9					
107	$11,500-11,999							2	1	1				
108	$11,000-11,499					1		3						
109	$10,500-10,999			4	2	7	8		1					
110	$10,000-10,499			1	2	3	1	2						
111	$9,500-9,999		3	12	10					1				
112	$9,000-9,499	2	8	3	4		1							
113	$8,500-8,999	5	6	2										
114	$8,000-8,499													

SALARIES OF ENGINEERING TECHNICIANS 1971

IMPORTANT — please read carefully before filling out form.

This form gives the distribution of employed engineering technicians as a function of salary bracket, years of experience as measured by age or years since graduation, and formal education received. Separate sections of the form are set aside for three different levels of education. Each individual is to be reported only in the section corresponding to the highest educational level achieved, in the column corresponding to his year of graduation. (See example on reverse.) If year of graduation cannot be ascertained, report by age. Be sure to indicate which method you used.

SALARY — should include base salary before deductions, and any predictable supplementary payments such as cost of living differential, etc. Do not include unpredictable payments for overtime work, bonuses, etc.

ENGINEERING TECHNICIANS — Technicians as defined for this survey perform work which requires the application of scientific and engineering principles and practical technology, and may include some functions customarily performed by engineers or scientists. Their responsibilities do not fit the definition of "professional" of the Fair Labor Standards Act but do require at least two years of full time technical education beyond high school or the equivalent in industrial training and experience. They may or may not work under the direction of engineers or scientists.

	ANNUAL SALARY	ASSOCIATE DEGREE GRADUATES[1] Indicate whether by year of degree ——— or age ———.																	
		1971 (20)	1970 (21)	1969 (22)	1968 (23)	1967 (24)	1966 (25)	1965 (26)	1964 (27)	1963 (28)	1960-1962 (29-31)	1957-1959 (32-34)	1954-1956 (35-37)	1951-1953 (38-40)	1948-1950 (41-43)	1945-1947 (44-46)	1942-1944 (47-49)	1937-1941 (50-54)	up to 1936 (55+)	
101	$16,000 & over																			101
102	$15,000-15,999																			102
103	$14,000-14,999																			103
104	$13,000-13,999																			104
105	$12,500-12,999																			105
106	$12,000-12,499																			106
107	$11,500-11,999																			107
108	$11,000-11,499																			108
109	$10,500-10,999																			109
110	$10,000-10,499																			110
111	$9,500-9,999																			111
112	$9,000-9,499																			112
113	$8,500-8,999																			113
114	$8,000-8,499																			114
115	$7,500-7,999																			115
116	$7,000-7,499																			116
117	$6,500-6,999																			117
118	$6,000-6,499																			118
119	$5,500-5,999																			119
120	$5,000-5,499																			120
121	$4,500-4,999																			121
122	$4,000-4,499																			122
123	Less than $4,000																			123

FACSIMILE -- DO NOT RETURN

	ANNUAL SALARY	NON-GRADUATES[2] BY AGE																	
		(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29-31)	(32-34)	(35-37)	(38-40)	(41-43)	(44-46)	(47-49)	(50-54)	(55+)	
201	$16,000 & over																			201
202	$15,000-15,999																			202
203	$14,000-14,999																			203
204	$13,000-13,999																			204
205	$12,500-12,999																			205

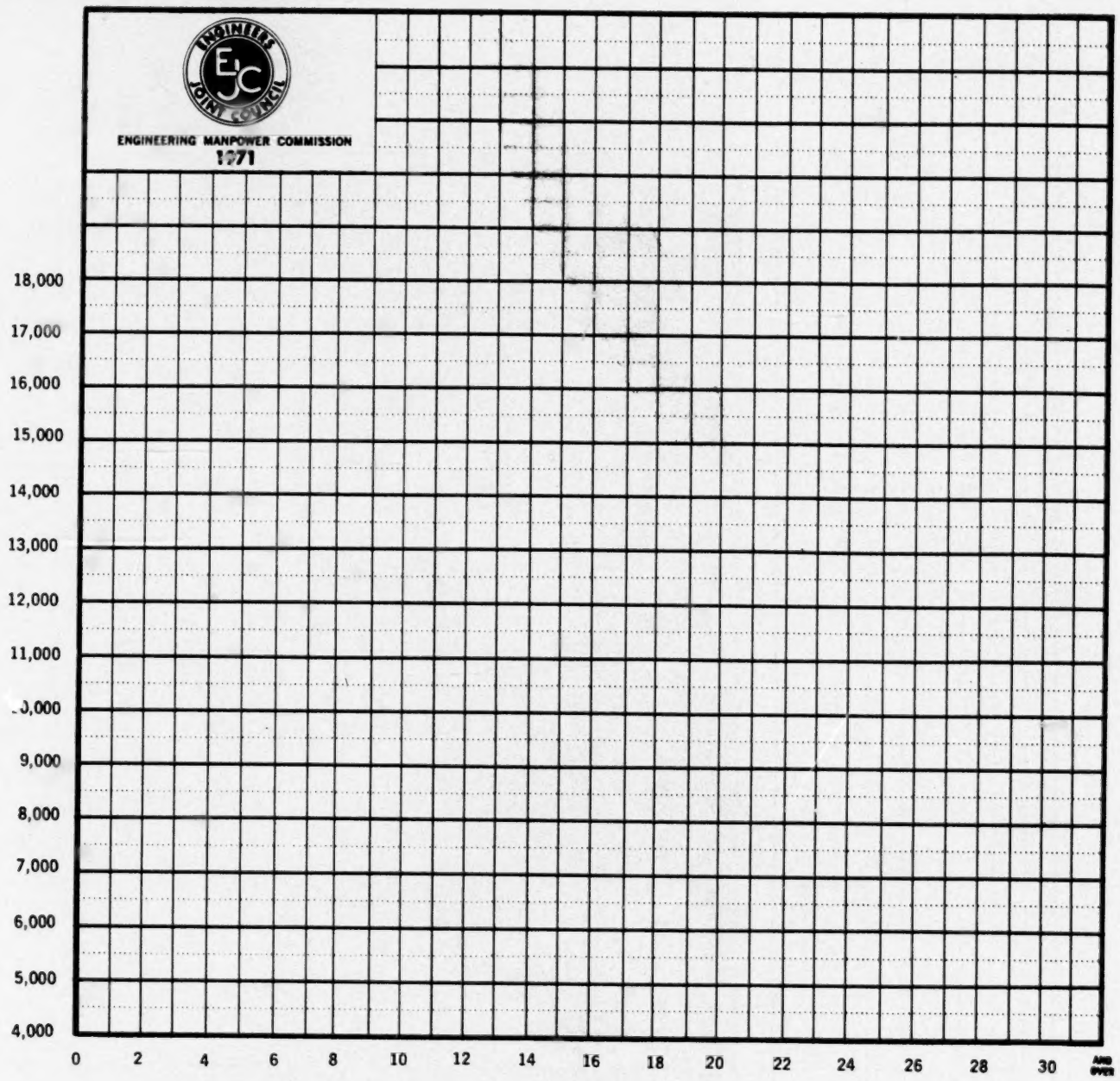
	ANNUAL SALARY	1971 (22)	1970 (23)	1969 (24)	1968 (25)	1967 (26)	1966 (27)	1965 (28)	1964 (29)	1963 (30)	1960-1962 (31-33)	1957-1959 (34-36)	1954-1956 (37-39)	1951-1953 (40-42)	1948-1950 (43-45)	1945-1947 (46-48)	1942-1944 (49-51)	1937-1941 (52-56)	up to 1936 (57+)	
		BACHELORS OF TECHNOLOGY DEGREE GRADUATES[3] Indicate whether by year of degree ——— or age ———.																		
209	$10,500-10,999																			209
210	$10,000-10,499																			210
211	$9,500-9,999																			211
212	$9,000-9,499																			212
213	$8,500-8,999																			213
214	$8,000-8,499																			214
215	$7,500-7,999																			215
216	$7,000-7,499																			216
217	$6,500-6,999																			217
218	$6,000-6,499																			218
219	$5,500-5,999																			219
220	$5,000-5,499																			220
221	$4,500-4,999																			221
222	$4,000-4,499																			222
223	Less than $4,000																			223

FACSIMILE -- DO NOT RETURN

	ANNUAL SALARY	1971 (22)	1970 (23)	1969 (24)	1968 (25)	1967 (26)	1966 (27)	1965 (28)	1964 (29)	1963 (30)	1960-1962 (31-33)	1957-1959 (34-36)	1954-1956 (37-39)	1951-1953 (40-42)	1948-1950 (43-45)	1945-1947 (46-48)	1942-1944 (49-51)	1937-1941 (52-56)	up to 1936 (57+)	
		BACHELORS OF TECHNOLOGY DEGREE GRADUATES[3] Indicate whether by year of degree ——— or age ———.																		
301	$16,000 & over																			301
302	$15,000-15,999																			302
303	$14,000-14,999																			303
304	$13,000-13,999																			304
305	$12,500-12,999																			305
306	$12,000-12,499																			306
307	$11,500-11,999																			307
308	$11,000-11,499																			308
309	$10,500-10,999																			309
310	$10,000-10,499																			310
311	$9,500-9,999																			311
312	$9,000-9,499																			312
313	$8,500-8,999																			313
314	$8,000-8,499																			314
315	$7,500-7,999																			315
316	$7,000-7,499																			316
317	$6,500-6,999																			317
318	$6,000-6,499																			318
319	$5,500-5,999																			319
320	$5,000-5,499																			320
321	$4,500-4,999																			321
322	$4,000-4,499																			322
323	Less than $4,000																			323

1. Technical institute education usually embraces a two-year post-high school program leading to an associate degree or certificate in some branch of engineering technology. Include graduates of technical programs in community colleges or other institutions.
2. Non-graduate engineering technicians are those who are qualified by training and experience to perform work that would normally require a two-year technical institute education, but do not have a formal degree.
3. Four-year programs leading to a bachelor's degree in **engineering technology** or **industrial technology,** but not an engineering degree.

Annual Salary by Equivalent Years Since Graduation from Technical Institute*



ALL TECHNICIANS

LEGEND

Upper Decile	— — —
Upper Quartile	———
Median	▬▬▬
Lower Quartile	———
Lower Decile	— — —

Number of Technicians covered —

*Base year (0 years since graduation) is 1971. For Associate degrees and non-graduates this is considered equivalent to age 20. For Bachelor's degree the equivalent age is 22.

ENGINEERS JOINT COUNCIL

MEMBER SOCIETIES

American Society of Civil Engineers
American Institute of Mining, Metallurgical and Petroleum Engineers
American Society of Mechanical Engineers
American Society for Engineering Education
Society of Naval Architects and Marine Engineers
American Society for Testing and Materials
American Society of Agricultural Engineers
American Institute of Consulting Engineers
American Society for Metals
Society of Manufacturing Engineers
Society for Experimental Stress Analysis
Instrument Society of America
American Society for Quality Control
American Institute of Industrial Engineers
Society of Fire Protection Engineers
American Institute of Plant Engineers
American Association of Cost Engineers

ASSOCIATE SOCIETIES

Air Pollution Control Association
National Institute of Ceramic Engineers
American Society for Nondestructive Testing
Society of Packaging and Handling Engineers
International Material Management Society
Society for Women Engineers
Society for the History of Technology
Society of American Military Engineers
Western Society of Engineers
Michigan Engineering Society
Louisiana Engineering Society
North Carolina Society of Engineers
Washington Society of Engineers
Engineering Societies of New England
South Carolina Society of Engineers
Los Angeles Council of Engineers and Scientists
Hartford Engineers Club
International Material Management Society (New Jersey Chapter)
Cleveland Engineering Society

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